

<210> 19983
 <211> 268
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700956104H1

 <400> 19983

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 tcgggatcac aagccagatc aaactgatga gaggcgaagg attgaagatg caggtggcctt 120
 tgttatgtgg gctggaactt ggagagttgg tggagttctt gctgtttcac gtgcatttgg 180
 tgatagactc ctgaagcagt atgttgttgc tgatccagaa atccaggaag aaaaggttga 240
 tagctctctt gagtttctta tattggct 268

<210> 19984
 <211> 267
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700956106H1

 <400> 19984

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 attctctttc agtagaacia cagcaacctc tctgccttcc aaaccacat tctgctattt 120
 ggttccaatg aaacaatctt cttctccggg gcacttgtgc ttagccttag acaatccacg 180
 tagaacactt cacgtgtctt gtggctccac atcaccacat gcttcccaga gatcatcaat 240
 tcaggggggt gaagcttttt tcagggg 267

<210> 19985
 <211> 270
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700956109H1

 <400> 19985

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 acgtctcatc ttgcgccgaa agcagctcga ggacggccgt accctcgccg actacaacat 180

ccagaaggag tcaacccttc accttggtgt tcgtctccgt ggtggcatgc agatcttcgt 240
 caagactctc actggcaaaa ccataaccct 270

<210> 19986
 <211> 160
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700956110H1
 <400> 19986

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 caggtactgg gcagtgtctc ttcccgcca caactcggca tcattacagc tctggaacca 120
 attgcaggaa cgaatctcca agcattcctt ccacacaaca 160

<210> 19987
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700956111H1
 <400> 19987

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 gccggaccag cagcgcctga tcttcgccgg taagcagctg gaggacggcc gcaccctcgc 180
 cgactacaac atccagaagg agtccacgct tcacctcgtc ctccgcctcc gcggcgccgc 240
 caagaagcgc aagaagaaga cctacac 267

<210> 19988
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700956112H1
 <400> 19988

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acgtgtgggc tcgggggaac caaaaactgt gaaattctga agccactagg ccttttaaaa 180
 accaaaactaa ggaagacggt ttagacagag agtacttcaa gctaagaaaa tggaaagtgg 240
 ggttgtggct gtgaacaaca acatcaa 267

<210> 19989
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700956114H1
 <400> 19989

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 tcctgtttgc taactcaaaa tgtaagaggt atttcacaaa caggttgaag ccgtcaaagc 180
 tcacgtggac tgcaatgtac cgaaagcagc ataagaagga tattgctcaa gaagctgtga 240
 agaagagaag acgtgctacc aaaaa 265

<210> 19990
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700956116H1
 <400> 19990

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 tggtcgccgt gaacaagaag ggcgatgatc ctgcagttga atccgaccac aaatacgtag 120
 tggtcatatg ccaaaa 136

<210> 19991
 <211> 263
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700956117H1
 <400> 19991

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 ggagaaattg tccttggcctt attaaaccct gtttgatgct tgttccaaac ttgagaaata 180
 tttggatatt gagatttgaa ataaaagatt agtggttcagt ttgaaaaaaa aaaaaaaaaa 240
 aaagggggggg ccgcccatta ttg 263

<210> 19992
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956118H1

<400> 19992

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 gcactggtct ccagggettcc ctcgtcttca acgctgtcgg cgggtggcacc ggttccggtc 180
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 tcaccattta cccttccccct caggtttc 268

<210> 19993
 <211> 133
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956120H1

<400> 19993

gcaggcagtg tcattctctcc tttgacgaca agatgagcat cccaattccc catcggcagt 60
 tattcataga cggagactgg aaagtccccg tcctcaagaa tcggattccc atcatcaacc 120
 cttccacaca aca 133

<210> 19994
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956082H1

<400> 19994

tgagcctt

248

<210> 20000
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700956046H1

<400> 20000

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gtatctgtgt gggatttcca ggcatttacg gaaggtgggg gatttgactt tgttggtgac 180
agggtgcagc taaggaggtt acggaaggtc aagtttgttt gtttgattga ttggagtttc 240
tgttacctct aca 253

<210> 20001
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700956047H1

<400> 20001

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cggaatctga aatcggaat cggaagaata gtcttcactt cagaggcaga agagaagggga 120
aaatcgatga gtaggaacga ttccaagtac ttttccacca ccaagaaggg tgaaatccct 180
gagctcaaag aagagctcaa ttctcagtaa caggaccaa gaaaagatgc tgtcaaaaag 240
gttattgctg caatg 255

<210> 20002
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700956049H1

<400> 20002

gaacataatg gagaaccctg cttggtacac tcagtacaca ccttaccagg ctgagatatc 60

[illegible]

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ggccgcacctt tttttttttt tggttggttt aatttatttc ctgggggaaa aggtgtttaa 60
aatggttttt aggaggaaaa tggaaagggtt tccggggaaa aggggttctg ctgtaaatcc 120
ttggaaccaa taatgggttt gggtgattaa aagtga 156
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<210>	20006
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<212>	DNA
<213>	Glycine max

<223> Clone ID: 700956054H1

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atcaccacca	tcagcctcat	tatcagagga aggagaagaa caagtattcc tccggtggtg 120
gtggaccatc	acatggaagt	ggtcatttga tggcgccctc gggctctgct gtgggggggtt 180
tcaaccctgg	tgtgccggcc	caggggttga atccggtgct tggacaggcg ttgactgcat 240
tgattaatca	g	251

<210>	20007
<211>	251
<212>	DNA
<213>	Glycine max

<223> Clone ID: 700956055H1

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aggatcccga gacacaacag tattactctg gagaatacat agggcacttt catctcactc		120
aagtgccgta tcagaacact ccactgggac aggcacattg tcttcaacca gtaatagttc		180
atcgcacttg atagaaaaag accggagacg tcgaatcgag ggtcctatac aggtacttcg		240
ggggcaccac a		251

<210>	20008
<211>	252

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700956056H1
 <400> 20008
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 tcggggctat tggcagcgag ggagctgaga aaagaaggtc acaaggtggt tgtgttgag 120
 cagaaccatg atattggagg tcaatggcta tatgaccaa atgtacaaga ggaggatccc 180
 ttaggaagag acccttggct aaaggtgcat agcagcatct atgagtcttt aaggttcatt 240
 tctcccagag ag 252

<210> 20009
 <211> 236
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700956057H1
 <400> 20009
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 gacgacttcg ttcgttcctt ctccttccaa gttctaacca tttcccactg tcttcgattt 120
 tagggcatta aatctgccat ggcagcagca cccgctagag ctcgtgccga ttacgattac 180
 ctcacaaagc ttcttcttat cggcgacagc ggtgtgggga agagttgtct actttt 236

<210> 20010
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700956060H1
 <400> 20010
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 gttgcttgat tctcagggtg atgcttgtgg gttgggggtg aaacaacggc tcaaccctca 120
 ccggtggtgt tattgctaac cgagagggca tttcatgggc taaaaggac aagattcaac 180
 aagccaatta ctttggctcc ctcaccaag cctcagctat ccgagttggg tccttcagg 240
 gagagga 247

<210> 20011
 <211> 249
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700956061H1

 <400> 20011

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 gtgtgatcca aggagatatt gtaagaaata gattactgtt ggagaccata atccgaatat 120
 tacccttgga cgtgggcagt gtctctttca gtttcttggt gaagttatta agggtagcta 180
 ttcagttgga acgtgaagag ttggagagat ctgaactgat taggagaata ggtatgtgcc 240
 ttgaggagg 249

 <210> 20012
 <211> 110
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700956062H1

 <400> 20012

 gttttatcaa attttttgtc ggattttacaa ggaaagctat ccataaaatg tttttattag 60
 acaagtcacg gagacaatct tgaaaacatt ttatggatag ctttccttgt 110

 <210> 20013
 <211> 259
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700956063H1

 <400> 20013

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 agcaaccgca atcttttggc caaaagtcac acacacatta ctacacgcat ctaaactc 120
 ctccgaacta taatacagtt ttcttatttt cattgttgaa gtcacaagc aaaggctaaa 180
 gtagattcta ttctcctcaa gcaaaaccta tagctcccc acactcctcc agtacttgaa 240
 taaaagctaa ataatatt 259

<210> 20014
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956065H1

<400> 20014

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 gatgaagaaa aacttggtgtt cgagcccagc acgagtacaa caacaagttc tcttcctcaa 180
 ttgccgacca aaaacatcaa caacaaaatc gcacttggtt ctaccttagc ggccttgagg 240
 cttttcttat ctgc 254

<210> 20015
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956067H1

<400> 20015

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 ttgtcgttat tgtaattctt gtgaattaca tgctgcaact atgatttcct catattattc 120
 ttcacagaag caatcttcta ttgtggtgtt ggggtattcc tttatctact agaccatgta 180
 agaagaccct tgctagtggg tacagttgct aacaatagtg atactctacc ccacaattg 240
 ggacagaga 249

<210> 20016
 <211> 125
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956069H1

<400> 20016

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 gctgggtggct cctgctaaac ccagtcctcg cggagttaca cccctctccg agatagatga 120

125

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<210>      20017
<211>      247
<212>      DNA
<213>      Glycine max
<223>      Clone ID: 700956071H1
<400>      20017
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tgtgcaaaaa	agcttggtat	tcacatgaga	gtgcgaagtg	gagggcatga	ctatgaaggg	120
ctctcttatg	tttccctcat	tgagaagcct	ttcatgatcc	tagacttggc	caaacttcgt	180
gcagtgaatg	ttgatattgc	gcgaaacacg	gcttggatcc	aagccgggtgc	tactattggt	240
gaagttt						247

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<210>      20018
<211>      246
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700956073H1

<400>      20018
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ctcctttctcc	atacaagcga	tacagtaagt	ctgtgtccag	gtctctctca	aggacaagct	120
ccagaagccg	ttcaaggagt	ttatcaagag	atgctgaaaa	tccaggaaac	aatttgatatg	180
tgacaggatt	gtctcctagg	atcaccaaga	gagaactgga	gaaacatttt	tctgctgagg	240
gaaaag						246

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<210>      20019
<211>      254
<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700956079H1

<400>      20019
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tttctgcaag atttctctct cttctccttt cgcctttttc ttcgcatcag actcgccatc 120
 tctcgcatct tcaactccat catccacgta acctggtaga tcacatcctc tctctctctg 180
 ttcttttttc tctctctttg attggatcca aaaagaattt gaaactttag gggtttgctg 240
 tgtaacaatt tggt 254

<210> 20020
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956081H1

<400> 20020

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 ctgatgacat tgcaaccatt tgctacacaa gtggtacaac tggaacccca aaaggtgcta 120
 tcttgaccca tggaaacttt attgcaagtg ttgctgggag tactatggac gagaaattcg 180
 gtccttctga tgtttatata tcctatctcc ctttggcaca cttttatgag cgagcaaacc 240
 aggtcatgac agtac 255

<210> 20021
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956037H1

<400> 20021

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 taaggattgc tctgaatcgg ttctgtcttc ttcgtttttc ttcaaaatcc tcgtgacaga 120
 tctaatactaa tcagcctttt gggggtgttt cagacattgc atgcatatgg gagcagtgg 180
 tgtgttgat gctataaaag gccttcactg agtcccacag tggatgtgcc atcaaaagg 240
 ttggcaacac aaa 253

<210> 20022
 <211> 258
 <212> DNA
 <213> Glycine max

<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700956005H1

<400> 20025

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ccaaactcac cactccatca aaacgcatca caattccatg caccactccc tccaacagcc 120
accccaaaact gctccacttc cgaccccggt cggtgtccga aagcaccag aaagaagcac 180
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cggaactgag ctacgtgg 258

<210> 20026
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700956006H1

<400> 20026

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gtcgcgatgc acatgcagct tctccacaac gaccgcgtca tcatcttcga ccgcaccgac 180
ttcggactct ccaacctaac cctccccgac ggaagatgcc gcaacaaccc actcgagttg 240
gtcgtcaaac gcg 253

<210> 20027
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700956007H1

<400> 20027

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agcaccacac ttccccctct caattcatct ctctctcgat ttacattcca gagatagaag 120
aagaaagaga gcaatgacag caacaacaga gagcgagaag aagaagcgag aagaagaaga 180

ggaaccagaa caagttgtga acccatggga agtttcagcc ataggtaaaa tcgattacga 240
 caaactcata gatc 254

<210> 20028
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956009H1

<400> 20028

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 aatcatcacc ccaaaaccca aattaaaaaa aaaacccaaa taatacaact gaagttattt 120
 taattttctt agtaaaaaaa aaaaagagaa gaaaaatgac ttcgattcat ttgataaaca 180
 ctctcgctgc tccgcttcgt tctttttctc ctccgtcgt ttttccgcaa tgccattctc 240
 ctctccgttc ttccg 255

<210> 20029
 <211> 159
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956010H1

<400> 20029

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 ttttgcgctt tggggttccc ttgttgcttg tgatcacctt ctgttatgct acttctactg 120
 ctgcagcaac aactcaagtt tcagggaatg aagagctgc 159

<210> 20030
 <211> 160
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956013H1

<400> 20030

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cagaccacaca tgcaggaaca gatttatcat attctctatg

160

<210> 20031
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700956014H1

<400> 20031

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cttcctttct gcctctctca gtcacacacc ttctcgatga ccaacgacaa catcgccgtg 120
acagatctca cttctgccct caatgaagat aatcgcgccg acctagtcaa tgctctcaag 180
agcaagattc agagtctggc tggggcgcat tctgatgttc tagagactct atccccgaat 240
gtcaggaagc gtgtt 255

<210> 20032
<211> 162
<212> DNA
<213> Glycine max

<223> Clone ID: 700956015H1

<400> 20032

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cagtagttca agcagctcca gcagtgattc aggctcttca tcaagtgatt ctgatagtga 120
tagttcctca gcctctgggt ctgatgcagg gtcacaaaaa ac 162

<210> 20033
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700956016H1

<400> 20033

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gttgggggtca cgcttggtcc caagggaagg aatgttgttc tcgaaagcaa gtacggctcg 120
ccgaaaatcg ttaacgacgg tgtcaccgtc gccaaagagg ttgagttgga ggatccggtt 180

gagaatattg ggcceaagtt ggtgagacaa gcagctgcc aagacaaacga cttggctggt 240
 gatggaacca cgacttcggt t 261

<210> 20034
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956017H1

<400> 20034

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 cactcccatt ccaagttcat tgcgagatct tctaaagcct ggccctgcaa gtgctgaaat 180
 cgatgatcac cctatgcaaa ttgaagaaac acagtaccgc aaaaccttct actataaaga 240
 agaccttcat ccaggcaaaa 260

<210> 20035
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956019H1

<400> 20035

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 ctctctgccc tccgccatga ctgaggataa ggagatgtct tctctgtca ccaatggcga 180
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 cagactatta 250

<210> 20036
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956020H1

<400> 20036

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 atctcatctc aattttcaga tatgtcgaca tctgataagc cagaagtggg ggaaaggggt 120
 agcaaggatg aaaaacacaa ggaagatgat caagaggagg ggaaggggtg attcattgag 180
 aaggtgaagg atttcattca tgacattggg gagaagattg aggaagctat tgggtttggg 240
 aagccaactg ct 252

<210> 20037
 <211> 157
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956021H1

<400> 20037

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 acggagctga gcaagagcaa caaggaccga ctcaacacct cttccgcatt caattccttc 120
 aagaacaact acctcatcgt ctattccctc atgatgg 157

<210> 20038
 <211> 159
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956023H1

<400> 20038

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 tcccgccaac tctgaagacc tctattctct ttccctccc 159

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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956024H1

<400> 20039

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 atgatctctc ttg 133

<210> 20040
 <211> 156
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956025H1

<400> 20040

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 atctccctct cccttaagca aacaactgcc cttaac 156

<210> 20041
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956027H1

<400> 20041

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 gcgtcgcggt cgcaactcgc cggagagaaa gcaatttaag gcacgtcgaa atcttcgatc 180
 tcgaatcgca aacgttccaa cgaatcaccg aagacataaa ccctaacttt aaccattaca 240
 acccgttcgt c 251

<210> 20042
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956028H1

<400> 20042

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gaggctactc accccgacac gttgaaggcg ggggttggtg agttcatctc caccttgatc 180
 ttcgtgttcg ccggttcagg ttccggcatc gcctacaaca agctcaccga caacggcgcc 240
 gccactcccc ccg 253

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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956029H1

<400> 20043

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 gaaggaagtc gaatttgagg ttgtccctgt tgatgtcact aagggggagc agaaggatcc 180
 tgagtacctc aaactacagc catttggagt tgttcctgtc atcaaagatg gagattatac 240
 cttatatgaa tc 252

<210> 20044
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<223> Clone ID: 700956030H1

<400> 20044

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 cgtgccagat tcgaggaact gaacatggat ctctttagga agtgtatgga gccgggtggag 180
 aaatgtttga gggatgctaa aatggacaaa agaagtgttg atgatgttgt ccttgttggt 240
 ggttctacca ga 252

<210> 20045
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956031H1

<400> 20045
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ttttcagggt gattggagga gataaaaatg ctctgtgtgt ttgaaacccc tgcgggttat 120
gccctgttta aagtgtctgga tgaaggcaag ctttctaaag ttgaggactt gtggaagaac 180
ttttccagtg cagatactgc tagacaggtg gtcaagttga aagcattttc taaatttgag 240
aacacttcag aagctctaga ggca 264

<210> 20046
<211> 123
<212> DNA
<213> Glycine max

<223> Clone ID: 700956032H1

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gtttgctgaa ctggttatga tttcatcaag gtttttgaaa aaattagctt caatttggtt 120
tac 123

<210> 20047
<211> 193
<212> DNA
<213> Glycine max

<223> Clone ID: 700956033H1

<400> 20047
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tactctaaca acattgatta gcaagaccta aaggagaaag tatttaattgt gaaaaacata 120
taagagcata aaaaaaagt tatggacaac ataattttat gcatttcaat aaaatttctc 180
cttttagttt ttt 193

<210> 20048
<211> 264
<212> DNA
<213> Glycine max

<223> Clone ID: 700956001H1

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 ggtgtttcca aggggaaacc ttctcaaatt gatttgatca tggaggagaa gtatgcaaaa 180
 gaagggatgc atcataagat ttctgctttg cttgagtttt cagcgacgga tgatctaatt 240
 ggtttcaaag atgctgtgga aaag 264

<210> 20049
 <211> 77
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956035H1

<400> 20049
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 aatatgttta gtttctc 77

<210> 20050
 <211> 154
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700956036H1

<400> 20050
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 ccaattgccca tagtcaccaa ccaattaaca aaggatatata tatcatcata tcatcaccaa 120
 atgaaaaata ttgggttggt ttttcttctg gtgg 154

<210> 20051
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955965H1

<400> 20051
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<223> Clone ID: 700955968H1

<400> 20054

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ttcattcgaa ccatggcagc gtccctcgctc tgttctctt tcacctccaa aacatggaac 180
ccgcaccggc cgcactcatg ctatcaccac aaaaccccaa gcccgccgta ttccaccttt 240
cttcgcgggc acgttcagct cc 262
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<210> 20055

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700955969H1

<400> 20055

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aatgctcgga ttggatcatc ggtgatagca catgagttaa agcttgagag tggagaaacc 180
agatgggtta tagataccat tgttggcaag gaggatggcc ttggcggtga aaacttgagt 240
ggaagtgggg ctattgc 257
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<210> 20056

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700955970H1

<400> 20056

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tatgtttggt atatgcctcc tgataatctg cgccttcctt actctcatat tgtagaacac 180
tttgaattgt gcaattttga ccctgaactc ataggctttg aattgaaagt attggaaga 240
tccggtattg gcgtggag 258
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<210> 20057
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700955971H1

<400> 20057

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tctgagggtta agggcaaacc acgcattggt gctactggca gaaagtagag atgatcctgc 120
tgtgtgatac tgttctatta tgtaaatagt tggcttgtcc tggatatatgg tagaggcaag 180
gtattagttg atatcaaaat atagaagttg aatgggctgg tcgtacttgg aagatttttt 240
tttttttttg tgcgcc 256

<210> 20058
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<212> DNA
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<223> Clone ID: 700955974H1

<400> 20058

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tccatctttc ttgggtgatc caatggcgac ccttttccag ggattgggag ttgtgaaccc 180
atcattggct tcttcaaact ccaacaagtt ccatcttcct tctcgtacat ccctctcaga 240
gaggaaagat ggcac 255

<210> 20059
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700955975H1

<400> 20059

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gaagacttgc tagttatagt gggtgacccg ggatccgaat acgtacccgg atagataccc 120

gatttggtta caagggtgtg tgtaataatt ttattttatt ttgttggtta gtgggtgtaag 180
 tgtaatatataa cgttttagtg agaaagttga aagagagaaa ggaaaagaag tgagggcata 240
 ggcatctgcg tgc 253

<210> 20060
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955976H1
 <400> 20060

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 tactgcctcg aacacggcat tcagcctgat gggcagatgc caagtataa gactgttggt 120
 ggaggtgatg atgctttcaa caccttcttc agtgaaactg gggctggaaa gcacgtgcct 180
 cgtgcgattt ttgtagatct cgagcctact gtgattgatg aagttaggac tgggacatac 240
 cgccaactat tt 252

<210> 20061
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955978H1
 <400> 20061

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 ccgccgtcac caaaggcggc gccgccaaaa aagtcctccg agcaccggac ttactcgcg 120
 acaccgtctt caactccgcc gccgtcctca ccgtcccttc cggcggcccc gccgtcacgt 180
 ttgacgtaaa gcagccactc cgggaacgcg tcttccactt ctcccgcgaa caattcagaa 240
 actcaagcaa 250

<210> 20062
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955980H1

<400> 20062

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 taacaacatc agcgatccaa ccttagtatt cttcaaccca gagagatttg taataataaa 120
 ttacaacaac ttaaacgatg gcaggaggag cttatgtaga ttcgggaaat gcaaagcaat 180
 ttgatgggaa ggtcacggca ttcgtattgg ttacatgctt tgtggcagcc atgggaggct 240
 tactcttcgg tt 252

<210> 20063

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700955981H1

<400> 20063

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 ctgccatgga agaaaagggg atgtgccctg attttgtttt gtgtataggc gatgacaggt 120
 ctgatgaaga catgtttgag gtaatcacca gttcgatggg gagtccgacg gcggcaaagg 180
 ccgaggtatt cgcgtgcacg gtttgctgaa aaccagtaa ggctaagtac tacctggatg 240
 atacaactga aatagtgaga 260

<210> 20064

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700955982H1

<400> 20064

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 acacacagaa gaagatctac gtgagcaacg tcggtgcgga cctggatccg cagaagcttc 180
 tcgcgttttt ttcacggttc ggggagattg aggaagggcc gttggggctt gacaaggcca 240
 ccggaaaacc taaggggttc tg 262

<210> 20065

ggttattccg ggattgggaa caatggactg ccttttggag gagctgggtgc cggaataggt 240
 ggtgggttttg gcg 253

<210> 20068
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955986H1

<400> 20068

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 ttggacgctc agaaagccaa catctccgcc ggcaaagccg tcgctcgcat cctccgaacc 180
 tccctcggcc ccaaaggcat ggacaagatg ctccagagcc cgcacggcga cgtcactatc 240
 acgaacgacg gtgcca 256

<210> 20069
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955988H1

<400> 20069

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 agacttcac taaagattct ccagcagaac aaagagcgac agctactttt ggacctagac 180
 ctggacctgc tgggcatcca ggcaaccctt ttgatctctc agcaatgtct ggtctgctca 240
 atgatccaag tatcaa 256

<210> 20070
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955989H1

<400> 20070

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 caagaagact tcaaattcaa gcaaagcaga agacaggacc accaagatcc acaacaaaga 180
 ttgtgagctt atggggttga catgggttct ggctaaaaat aggacagctt atatgcacac 240
 ggtttctgcg g 251

<210> 20071
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955990H1

<400> 20071

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 gtatattgtt ttctctcttg atgtcttgag gatccttttc tgtttctctc caattgggga 180
 ttttgttatg gtgggagttt tctttgttct ttttgcttgt ttgtgtgagt tgattttgct 240
 atgctgtaat tt 252

<210> 20072
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955993H1

<400> 20072

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 cttttggtgg tgatgatggc atgtgggtcg gcgagtgggt cggtatgattt ggcaaccaag 180
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 acgccgaa . 248

<210> 20073
 <211> 248
 <212> DNA

<213> Glycine max

<223> Clone ID: 700955995H1

<400> 20073

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 aaaacattcc cgatgcggag gagggaaacct tggagattgg aatggaatac agaactgtgt 120
 ctggagttgc tgggccattg gtcattcttg ataaagttaa gggacctaa tttcaagaga 180
 ttgttaatat tcgcttgga gatggaacta ctggcgctgg acaagtgcta gaagttgatg 240
 gtgaaaag 248

<210> 20074

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700955996H1

<400> 20074

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 tgttttttgt ggtaacagga ttcaacaatg aagagcacag gacagtggag gtagttggcc 180
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<210> 20075

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700955964H1

<400> 20075

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 cagtgtttca ttttggtatt ggcttcaaag tgcattatat cattctcatt cttctctgcy 180
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255

<210> 20076
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955923H1

<400> 20076

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 ctaagtgtgt acattcttgg tgtcttggaa agtgagggtc ccattgatga ctctcaaacc 180
 gtgccacttc ttcagaatct cttccttccc atcaactcac gtttctcctc catcatgatt 240
 agggacaaaa atgggg 256

<210> 20077
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955924H1

<400> 20077

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 gaatcctcaa gaagctccgt tacaacacaa caaccaagcc actcaacgct gcccaccct 180
 caatctctcc agtcatcgcc ccaccgtcac tttcgagag gtcgccgtcc cctgtcgcg 240
 atgctgtttc aacaacatcc acg 263

<210> 20078
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955925H1

<400> 20078

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 ctaagctccg tgaagggcat ggacaccgct gatccaaagg cttacatcgc caaggcgggtg 180
 aaagccacca tggacagcgt gaccagggcc ttcaacatga gtgataggct cagtaccgag 240
 tacggagggc aacgataacg 260

<210> 20079
 <211> 236
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955926H1
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 tgtcttgaaa gtgatccag ctggatcttc tagtggtgca aagaaggctt ttactggaat 120
 gtgagcttcg atttccagtt tttattgaag aaaaatgtta ccttggttatt tagtagatct 180
 gatttctttt ctggaagggtg acatattaaa accttatcaa ttttggattt tctttg 236

<210> 20080
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955927H1
 <400> 20080

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 catttccttc atttgaaatt gaccacacc acgcagatcc caaatttcca actcgtaaatt 120
 tatccgcctt ttttccatt ccgaggaaag aagccaatcc acgaccgatc caatgccgct 180
 ttgaatcgcg tgccgtcctc cttccctggg aacatctttt tgctttttga attcgatatt 240
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<210> 20081
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955928H1

<211> 262
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700955935H1

 <400> 20084

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 tcctggaaga gaggacaaac ctgagccacc accagaggggt cgcttgcccc atgccactaa 180
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 cgttgctctg tctgggggtc ac 262

<210> 20085
 <211> 262
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700955936H1

 <400> 20085

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 aatggggttg tctttctaaa caaccccatc acatcattaa gaggggggga tcgaccttg 120
 atttgtgaat ttgcttgcac tagcaagatc atatataatc attcatatac acaattacat 180
 atcaagatca cattttttttt ggtgttctcg atctcataaa caacatggag ggtcagaaca 240
 agaagtacat ctcactgag ga 262

<210> 20086
 <211> 231
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700955937H1

 <400> 20086

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 aagtgggttg tgtgggtagt ggttgaggtt gtgggttgga aaaaaaaaaa tggattctgc 120
 gagaagttgg ttacaaaaat ttcaaccacg tgataaattg agggcctcta caaggaacaa 180

00220"EFFE60

agatgatact aatggcacaa atgaaattcc aaatgtgcct atggctgata c 231

<210> 20087
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955938H1

<400> 20087

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 tgctgctgca ttgaagggtt cagatcatcg ccgtgcaaca aatgtcagtg ccagactgga 120
 ttctcaacaa aagaagctca accttccaat cctgccaacc accactattg gatccttccc 180
 tcagactgta gaactgagga gggtagcccg tgaattcaag gctaacaaga tctccgagga 240
 agagtatgta aagtcaatta ag 262

<210> 20088
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955939H1

<400> 20088

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 gacgaaaaaa attagctctt tctagtctgg gaggagtaat tgtatctttg gtcattcttg 180
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<210> 20089
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 <212> DNA
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<223> Clone ID: 700955941H1

<400> 20089

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<223> Clone ID: 700955947H1

<400> 20092

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tgaaactgtc tcggtgaatc cttttggagt gaggataagt tggttggatg tacagaacag 180
tggggatggg aggattgtta gtagggagaa aatggggttt catatacctt gtgggagatt 240
taaggttgcc agg 253

<210> 20093

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700955949H1

<400> 20093

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cactctaact ttcacgacac tgtcagcaag caccgatttca tcgtcgtcga gttctacgct 180
ccatgggtgtg gccactgtaa gaagcttgct cccgagtatg agaaagctgc ttctatcttg 240
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<210> 20094

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700955950H1

<400> 20094

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attttatctg cgattctcgc ttggtacctt tgttttgttt ttaatatttt agttttcctg 180
gatttttatt ttttttattt tttattgttt ttagtctttg gtcaattttc actgtctcct 240
gatgatcatt ttaccatgtg ggg 263

cctttcccat ttcattgaggt acccttgtac cacaagatca acaaaacaaa aaattcctttg 180
 caccagagct caagcttcag gttcaacgaa atctagtacg ggtagtgcag aggggatttc 240
 tgagaaaaca gattcca 257

<210> 20098
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955956H1

<400> 20098

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 ttactttcct gaggagacca tcgttggtgt cagtcagtga gcaaggttta gacgaatgat 180
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 tgctgatgat ctgcaca 257

<210> 20099
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955957H1

<400> 20099

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 aaaaatcagt aggggttatc tggcaaaaca ctgatggcca gaagctctgc cacgaaaccc 120
 taagctccgt gaagggcatg gacaccgctg atccaaaggc ttacatcgcc aaggcgggtga 180
 aagccaccat ggacagcgtg gccagggcct tcgacgtgag tcgtacgctc agtaccgagt 240
 acggaggcca cgataac 257

<210> 20100
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955922H1

<400> 20100
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 tttgcctaca aagtgttgca ggaggctcat aataatgcta atgaagacag ggcctccaag 180
 attatgtgga gactgaaaat tcccccaaga gcgagtgttt tttcttggag actattcaag 240
 aacaggctcc ct 252

<210> 20101
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955889H1

<400> 20101
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 atccacttcc cagcaaagggt gatgatggaa ataggaagcc cctacaaaact tttcgccctt 180
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 tg 242

<210> 20102
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955890H1

<400> 20102
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 gaatgggttaa ggctgggtttt acctggagat gatgccccac gtgctgtgtt tcccagcatt 180
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 gg 242

<210> 20103

<211> 239
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955892H1
 <400> 20103
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 aaaatctcgc ttcggcttta tttctctttc ttagtttgaa taattgggtg tgcacagccg 180
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<210> 20104
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955896H1
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 cagttctcac tgetgctgct agcctgctac tacgatgatg ttagaaacca cggattaggg 180
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 atca 244

<210> 20105
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955901H1
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 tgcaaacttg agatatacaga ggaagtccg agaacagatt gaactggtgc atgctcaatt 180
 caaaagagcc aaagctcaaa cagaatttgc tgatatacaa ctagacctag atatggcagt 240

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273

<210> 20106
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700955902H1

<400> 20106

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tgcttattgt gatgctcaac tgccacctga aaacttaaga gaattcttgc cccgtcttat 120
tccagtattg gtgtcaaaca tggcttatgc agatgatgat gaatcagtta ttgaagctga 180
ggaagatggg tctcatcctg atcgagatca ggatcttaaa cctcgattgc acgtatcaag 240
gtttcatgga t 251

<210> 20107
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700955903H1

<400> 20107

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atgtggagtt gtactacaag gctgttcact tctacttgga agagcatcca gatcttatca 180
atgatgttct gaacgtcctt gcacttcgtg tggaccatgc acgtgttggt gacatcatgc 240
ggaaggctgg tcacctcggt cttgtgaa 268

<210> 20108
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700955904H1

<400> 20108

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ccaccgtgaa gctccctgc tcccccaaca cttcttctct cgccggcgcc ggcgtcaggg 120
gctccaaat tcatacagct ttcgttaaatt tcaatgccat ctgcatttac ctccaatacg 180
acgccctttc cttctctctc gttaagtga aaaccaagtc tgctcaccag ttaacggaat 240
ccgaccaatt cttctcagat atcgtaa 267

<210> 20109
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700955905H1

<400> 20109

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ctgaagagtc tgaatcatta tgatgccctt ggatttagcc gccacaagaa gattgatgct 120
gcagttttga aaaaggaata caggaaaaag gctatgcttg tgcacacctga taaaaatatg 180
ggaagttctt tggcaagtga atcatttaag aagcttcaat gcgcatatga gggtctttct 240
gactctgtga agaagcgaga ttatg 265

<210> 20110
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700955906H1

<400> 20110

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ctgtgacaag tatgatttga ctctttgtgc gaggtgttat gttcgtggca attatcgagt 120
tggtgtgaac tcttcggatt ttaggcgagt ggagataagt gaggagacaa agacggattg 180
gaacgaaaag gagaccacga atcttctgga agctattacg cattacagtg atgattggaa 240
gagggtttct cagcatgttc c 261

<210> 20111
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700955907H1

<400> 20111

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 cctcaccacac ctgcgccgaag agatcaaccg ccgccagacc atcacctgcc tggccctcga 180
 caatgccgcc atgtctctcc tctctgacaa gcacctctcc ctccccacca tcaaaaacgt 240
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<210> 20112

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700955908H1

<400> 20112

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<210> 20113

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700955909H1

<400> 20113

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 ctgaggctcg gaatggaagt gaggctgagc cggagcctga aacacatcga caattacctc 240
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<210> 20114
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<212> DNA
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<223> Clone ID: 700955911H1

<400> 20114

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gctctggtga gtgcccacga aatagcaaca agcaacggc acgcgcagtt caccctctt 240
cacctggcgt cctctctgat t 261

<210> 20115
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700955912H1

<400> 20115

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tcagtccgtg tacaactacg aaaccaccga acttggtcac gagaacagga atggcaccta 180
tcagtggatt gtcaaacca aatctgtcaa atacgaattt aaaaccaaca tccatgttcc 240
taaattaggg gtaatgct 258

<210> 20116
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700955913H1

<400> 20116

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cccaacctat acacttcacc accacaccac aacctaccc tctctctctg tcatggctcat 120

tggaggagcc ttccctcggt tgcacccaat caccaaatgt agcaccacaag accgctccaa 180
ccagaccatc gcctcggacc tgcattggcac cctccttgtc tcccggagtg ccttccccta 240
ctacttcctc gtcgccct 258

<210> 20117
<211> 253
<212> DNA
<213> Glycine max
<223> Clone ID: 700955914H1
<400> 20117

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ttcaagactt tgattgtcct gtctcactat ttggagacag gaagatttcg gcagttcttg 180
gatgaagcag caaaaagtcg tcatatagtt gaagctgtgc caggatttga gcaggcaatc 240
caaggatatg caa 253

<210> 20118
<211> 255
<212> DNA
<213> Glycine max
<223> Clone ID: 700955915H1
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tgcaagatca atacaaaaac agaaaacaca gcaaagcaac aagcaaggat ctacaccatg 180
agtttatgtg gttcagcaat gtgcctacat acatgagaaa tgacagctca tcatcatcac 240
attgatcatg aaaca 255

<210> 20119
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<212> DNA
<213> Glycine max
<223> Clone ID: 700955916H1

<400> 20119

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 gaaaaagaag tctagtagta gtagtagtaa atcaattttt tacgaagctc ccctcggata 180
 cagcattgaa gacgtttagac caaacggtgg aatcaagaaa ttcagatctg ctgcttactc 240
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<210> 20120

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700955917H1

<400> 20120

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<210> 20121

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700955918H1

<400> 20121

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<210> 20122

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 <223> Clone ID: 700955919H1

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 atgcttcaac accaacaaca acaacctgac tcttacttca acttcaactt taactcttca 180
 attagttctg ctaccatacc ctttggtcct aacatggaat cttttccttc tcttgaccct 240
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<210> 20123
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 <223> Clone ID: 700955920H1

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<210> 20124
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 <212> DNA
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 <223> Clone ID: 700955921H1

 <400> 20124

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<210> 20125
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955888H1

<400> 20125

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<210> 20126
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955850H1

<400> 20126

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<210> 20127
<211> 245
<212> DNA
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<223> Clone ID: 700955851H1

<400> 20127

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<210> 20128
 <211> 249
 <212> DNA
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 <223> Clone ID: 700955852H1
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<210> 20129
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 <223> Clone ID: 700955853H1
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 tcaaca 246

<210> 20130
 <211> 243
 <212> DNA
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<223> Clone ID: 700955854H1

<400> 20130

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gcaaactctg gctcactct gctgctttct ccacctcctt gctcttcgac gaaactcaga 180
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aaa 243

<210> 20131

<211> 242

<212> DNA

<213> Glycine max

<223> Clone ID: 700955858H1

<400> 20131

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ttactgaaac cctagcctct gtttctgtgt ttatttactt cgattctacg catcgaattc 180
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aa 242

<210> 20132

<211> 228

<212> DNA

<213> Glycine max

<223> Clone ID: 700955860H1

<400> 20132

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<210> 20133

002220 "E.F.E.550

<211> 241
<212> DNA
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<223> Clone ID: 700955862H1

<400> 20133

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a 241

<210> 20134
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<212> DNA
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<223> Clone ID: 700955863H1

<400> 20134

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tttgact 247

<210> 20135
<211> 131
<212> DNA
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<223> Clone ID: 700955865H1

<400> 20135

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<210> 20136
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 <223> Clone ID: 700955866H1

 <400> 20136

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 acctgaatca gggtcaccct tctagaggaa caacatttgt tattactctt tcattgggtgc 180
 ttctgacact tgtgtccttc tccactttca cacatgcctt ctcttcttct gcgtttccgg 240
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<210> 20137
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 <212> DNA
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 <223> Clone ID: 700955868H1

 <400> 20137

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 ggttctgtaa tgccttcatt gtttgacatt cttgagattc ccgtggcagc tgattctcca 180
 aatgacgaga gtagtttact taaagctgtt cgaaatgtgc atgctactat agacaaggaa 240
 atagctg 247

<210> 20138
 <211> 244
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700955870H1

 <400> 20138

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gaacggtgaa aagtgaattc cagaaagcag agaatggcaa gtagcgggtgc tgcaacagcg 180
gcgttgacaga gcgatgcaag tagtagaatg gaatgctggt tgtaccttat acgcttcaac 240
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<210> 20139
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955872H1

<400> 20139

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tcaccaccgc acataacgcc accgttttcc aaaagtccat cgatttagat gcgagtcgcg 180
gtcgccccat cagaacgcac gttgtcaact tccccgccgc acaagtgggt ctccccgttg 240
gga 243

<210> 20140
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955873H1

<400> 20140

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tcttcatgca aaaacgaaga ccaggagatg gtgtccaagg cttccaatc tgtgtctgga 180
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<210> 20141
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955875H1

<400> 20141

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cgctcacgtg ctcgtaggat gaaggaggca aagaggaagg gccgccactc cggttatggt 180
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<210> 20142
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<223> Clone ID: 700955877H1 .

<400> 20142

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gattatgcgg 130

<210> 20143
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955878H1

<400> 20143

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gtgtatctca gtgattaaat gtaactgcaa tctcttcac ttgttcttct tctttgcttt 180
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ca 242

<210> 20144
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955879H1

<400> 20144

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 tcatccaacc gtgcctcacc gcacggatac ttgctgaacc gcgtcgccga gtacgccacc 180
 gccgcggctg ctgctaccac tcctccctct cctcctcctc cggggaagaa ggagctcggc 240
 gg 242

<210> 20145
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955880H1

<400> 20145

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 aagttcctga taccacagat agaacaactg taaggcacga ttatcagaaa tatttaggta 180
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 atatat 246

<210> 20146
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 <212> DNA
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<223> Clone ID: 700955881H1

<400> 20146

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 gagaaggagc agggagtgtt acatcttaaa ctaccaatgc tacaagcccc ccaacgacag 180
 aatgctcggc accgagttct gtggcaagct tatcagacgc accgaaaacc tgggccccag 240
 cgagtacc 248

<210> 20147
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 <212> DNA

<213> Glycine max
 <223> Clone ID: 700955882H1
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 caggagggaa gtggtccaac caccgtaact ggatctcttg ctggtcttaa gcctgggtctc 180
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 cattt 245

<210> 20148
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955883H1
 <400> 20148
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 aaaaaaaca tttgcgtctt cttctccctt tccatctctt tatag 105

<210> 20149
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 <213> Glycine max
 <223> Clone ID: 700955884H1
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 tgtgagaaaa ctcaagggtg acttaacaga atatattgag aaacatgagt ttgtttttga 180
 tgctgtgctg aatgaagatg tttcaaataga tgaagtgtat gctgagactg tggagccgat 240
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<210> 20150
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<211> 250
 <212> DNA
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 <223> Clone ID: 700955849H1

 <400> 20153

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 tattccctgc aaaagagtat aagattgttg ttgttggtt ggataacgct ggaaaaacca 180
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<210> 20154
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 <223> Clone ID: 700955812H1

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 aaagtgtaga tgagaatggt gatggtagca agagagttat ttctctgggt atgggtgacc 180
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 ttc 243

<210> 20155
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 <223> Clone ID: 700955813H1

 <400> 20155

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 gccgaggatc gcaattcttc caaatcgctg tcaactcgct cttagttcgg ttctaactgc 180

atgaactggt tcgggaagct ggattcatca tcgtcgaact tgaacttcaa tcacttcggt 240

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<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700955814H1

<400> 20156

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ttcccagaga gaatatgatc tatagagaaa ggcattgtcc cgctgaaaag gagaaattgc 180

gctgcctcat tccagcccc gaaggggtaca caactccttt tccgtggcct aaaagccgtg 240

attatg 246

<210> 20157

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700955815H1

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agtggaaatt gccttggtct tgagatgtct ggtgttcttc tttgggtgag ttctggaccc 180

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<400> 20158

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 tcttctcttg cgttgaattg ggacaacgag aaattttgga tctcagtttt tggcaggaaa 180
 aaaaattgca tttgagtaaa aataacagag tgtagtgtag ggtcttggtc ttgatactgt 240
 gcta 244

<210> 20159
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955817H1

<400> 20159

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 gcgcactgct attacgttca ttgacaacaa tgggtgactgg cacagaagca gcaaagggtgc 180
 tcttgaggaa atcattgaac tttgtggcct caaggagag actctgaaaa aggccacaa 240
 ggttattgat gagtttgcta a 261

<210> 20160
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955821H1

<400> 20160

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 aaacatttag ttgatcaatt cagcttcttg cctgagttga ttgcttctgt aaaaaggct 180
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 cacaatt 247

<210> 20161
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 <212> DNA

<213> Glycine max

<223> Clone ID: 700955822H1

<400> 20161

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gtgaataaga agggagccgc caccaaggct aggaaacccg ccggcaaggg gaaggcagcg 180
aaagacccta acaagccaaa gaggcctcca agtgctttct tcgttttcat ggaggagtgc 240
agga 244

<210> 20162

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700955823H1

<400> 20162

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<210> 20163

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<213> Glycine max

<223> Clone ID: 700955826H1

<400> 20163

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245

<210> 20164

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<212> DNA

<213> Glycine max

<223> Clone ID: 700955828H1

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caccgtcacg cgtaaattcg gccggaaact ctccatgctt ttcggaggct tgcttttcct 180

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<210> 20165

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<212> DNA

<213> Glycine max

<223> Clone ID: 700955829H1

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aagtcgggag ggtcagcatg aggaagaccg tcaccaagca ggcctcctcc ggaagcccat 180

ggtacggccc agaccgcgtc aagtacttgg gccattctc tggcgagccc ccgtcctacc 240

tcactg 246

<210> 20166

<211> 243

<212> DNA

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<223> Clone ID: 700955830H1

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 gaa 243

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<223> Clone ID: 700955831H1

<400> 20167

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 gcgtatgtag gttacaattg tacaaattct caagtcctccc tcttcgcata ccatttcacg 180
 aaaagaatat gcatgtttcc taactaagag ccatcatggt gac 223

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<223> Clone ID: 700955832H1

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 aatgattcgt ggaaaaaagc ttggcacttt tactgtgagt ttgggactaa gggagttatg 180
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<210> 20169
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<223> Clone ID: 700955833H1

<400> 20169

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<212> DNA

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<212> DNA

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<223> Clone ID: 700955838H1

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 ac 242

<210> 20172

<211> 244
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 <223> Clone ID: 700955842H1

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 <223> Clone ID: 700955844H1

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 <223> Clone ID: 700955845H1

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<223> Clone ID: 700955847H1

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accccgacac gttgaaggcg gggttggctg agttcatctc caccttgatc ttcgtgttcg 180
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<223> Clone ID: 700955848H1

<400> 20179

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ata 243

<210> 20180
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<212> DNA
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<223> Clone ID: 700955811H1

<400> 20180

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<223> Clone ID: 700955773H1

<400> 20181

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<223> Clone ID: 700955774H1

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 ctccgctcgc tgatcttgtc ggtgctcccg atctcgctgc tgctcggac gacgtcgta 180
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0955773H1-032200

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8573

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<210> 20187

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<212> DNA

<213> Glycine max

<223> Clone ID: 700955781H1

<400> 20187

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 cttccttgta tcttgctgca ttagtagctt ctttctttgc ttcaccact acaaggatga 180
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<210> 20188

<211> 240

<212> DNA

<213> Glycine max

<223> Clone ID: 700955783H1

<400> 20188

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 tcttagtggg aggaaactga aggtgaacag ttttacagca ccagttggag cagatccag 180
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<210> 20189

<211> 239

<212> DNA

<213> Glycine max

<223> Clone ID: 700955785H1

<400> 20189

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ggagagcaaa ggaggtgccca tagcatgcat gttcttgtct cttttcttct tggggacatg 180
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<210> 20190

<211> 238

<212> DNA

<213> Glycine max

<223> Clone ID: 700955786H1

<400> 20190

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aattgacatg gcgagcgga tggtagagga cgcgaacttc gaagatgacc aactagccaa 180
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<210> 20191

<211> 239

<212> DNA

<213> Glycine max

<223> Clone ID: 700955787H1

<400> 20191

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cacacgcgca ttctcgtcct ccgccgccgt atcgccgccg tcgaaggcga tcgtgtacga 180
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<210> 20192

<211> 239

<212> DNA

<213> Glycine max

<223> Clone ID: 700955788H1

<400> 20192

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aacattcgta aagctctgca agacatgcct gcttccgatt tcttctcttc ctgggatttc 180
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<210> 20193

<211> 237

<212> DNA

<213> Glycine max

<223> Clone ID: 700955789H1

<400> 20193

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gcaagctaac gaagcgaatg acatgcattc tggagaagtt tatggggaaa aagcaattct 120
cacaactgaa ctgaaggaa ttcaatcacg cttgctcggc ttgtctgatg aaagggacag 180
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<210> 20194

<211> 231

<212> DNA

<213> Glycine max

<223> Clone ID: 700955791H1

<400> 20194

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gataaatgag gatttggttc ttccagatgc agattctatg gagggtagca taatatcgaa 180
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<210> 20195

<211> 233

<212> DNA

<213> Glycine max

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gacgccgaca	cagacacggt	gtatgtggcg	gtcggaaaga	acgccgagaa	gacgcagcaa	180
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<223> Clone ID: 700955794H1

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aacgccctct caaccctggg tgggtgttcgt ttccgtgatg caatagggga cgaatacgcc  180
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<223> Clone ID: 700955795H1

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gatgacccaa atcatgtttg agaccttcaa tgtgcctgcc atgtatgtgg ccatccaggc  180
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<223> Clone ID: 700955796H1

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ccctaactgg tggaacatca atatcaatag catggctcca caagctcttc ctttcttgtc 180
cactcctaac aactttccta tcccttggtg tcccacttct cttcccttcc cttcttggtg 240

<210> 20199

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700955802H1

<400> 20199

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cttaatttat gtgttagatt ttggcttagc tgggtgcagct ttggcatttg atatcacgag 180
ttgggggatc acagtggctc aacttgttta tggtgtgatc tgggtgtaagg atggatggaa 240
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<210> 20200

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700955803H1

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aatttggtgc tgctgttgat ggcgtaaagc cccgcatatt tggtctgcta aggcgatgcc 120
tttttgacag tgatgatgag gttcgtgata gggcaacact ttacctgaac acacttggtg 180
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atgtcc 246

<210> 20201

0513-020

<400> 20201

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<400> 20202

<210>	20203
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<400> 20203

8579

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<210> 20204
<211> 128
<212> DNA
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<223> Clone ID: 700955807H1

<400> 20204

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gataagta 128

<210> 20205
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700955809H1

<400> 20205

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cgcaaacgaa atattgctgc gccgctggac cctgcagcat tctcggatgc agtgggtccag 180
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cttaact 247

<210> 20206
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700955810H1

<400> 20206

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gagagagaga gagagagaga gagtcctgaa acttgggtgc gattccttca ctcacaacaa 60
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 cctcaaaggg tagtttctact ccacacaacg ctcccatctc tgaacgcac cccatccaca 180
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 tcgaaggcgg cgga 254

<210> 20210
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 <212> DNA
 <213> Glycine max

<223> . Clone ID: 700955734H1

<400> 20210

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 ggtggagaat acaaagggga gcatcatggt gaacacagta ctgaatacaa aggagagcat 180
 catgtttggtg agcacaagcc ggagcaccat ggaggagaag agcacaaga ggggttccta 240
 gacaagat 248

<210> 20211
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 <212> DNA
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<223> Clone ID: 700955735H1

<400> 20211

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 aacaagcatt attcgtcacc atgaaacaga gtaccttgct tctcttgagg catcatatct 180
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 atttc 245

<210> 20212
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<213> Glycine max
 <223> Clone ID: 700955736H1
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 tgggtg 245

<210> 20213
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955737H1
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<210> 20214
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955739H1
 <400> 20214

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 aagtttggat gagtttctga acaatattaa ttcaggaaag gccgtgattg tgtctctttc 180
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aa

242

<210> 20215
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<212> DNA
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<223> Clone ID: 700955743H1

<400> 20215

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ttcctttgtg tatcagttga cgccaccatg ccgtcagtgc aacggggaag cttctccaat 180
cgccaaaccc aattctccga gcgaggcag aagattatac aacagaggaa gtctctt 237

<210> 20216
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955744H1

<400> 20216

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ttcgacccca ggagagcgga tggaaaccaa aggaatttga caacgaatct ccatattcta 180
tcatgtttgg tcctgataag tgtggtgcta caaacaaggt tcacttcatt ttcaag 236

<210> 20217
<211> 238
<212> DNA
<213> Glycine max

<223> Clone ID: 700955745H1

<400> 20217

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gatgttgaat tcttatgcaa agatttctgt ccatcttctc tggatgacat tgccgacatg 180

agttggccac tatgtcaaga atcagctccc acttctcact cgatgagatt cactagaa 238

<210> 20218
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700955749H1

<400> 20218

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tatgtttggt atatgectcc tgataatctg cgccttcctt actctcatat tgtagaacac 180
tttgaattgt gcaattttga ccttgaactc ataggctttg aattgaaagt attggaaaga 240
tccggtat 248

<210> 20219
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955750H1

<400> 20219

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atgcagttgg cttcatatct gaattttcag tctgtgcatt ttctaatttt gccccatcta 180
ctagtttcag accatgttta caaagcttca cgagaacatg gtattataat tttattttca 240
atcac 245

<210> 20220
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700955751H1

<400> 20220

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002220-03200

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cattgcgagg gatgCGTcaa gaagatcaaa cgcacctgtc gccacttoga aggtgtggaa 240
accg 244

<210> 20221
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<212> DNA
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<223> Clone ID: 700955755H1

<400> 20221

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gggcagagag tgtccttcag ctgcaggcca aggaccaagc caggctgcag ttccttgcca 240
g 241

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<223> Clone ID: 700955757H1

<400> 20222

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g 241

<210> 20223
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955759H1

<400> 20223

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gatacgatat taat 74

<210> 20224

<211> 234

<212> DNA

<213> Glycine max

<223> Clone ID: 700955760H1

<400> 20224

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tgcygccagc caaagctagc atgattgcac atcatttaga tacaattttg tagtgattag 180
aagtgagaat agttaaatt tctaatatgt gctgtatttg tggtcattct tatt 234

<210> 20225

<211> 237

<212> DNA

<213> Glycine max

<223> Clone ID: 700955761H1

<400> 20225

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ttgcttgatt ttggagatgt ctctgctctc agatctcatc aaccttaacc tctccgatac 120
caccgagaag gtgatcgag agtacatatg gatcgggtgga tcaggaatgg acctgaggag 180
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<210> 20226

<211> 239

<212> DNA

<213> Glycine max

<223> Clone ID: 700955763H1

<400> 20226

<211> 245
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<223> Clone ID: 700955692H1

<400> 20235

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gaccctccct catctcgtga tccaccattc cctgctgctg tcacagcatc taatcatcta 180
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ggtgg 245

<210> 20236
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<223> Clone ID: 700955693H1

<400> 20236

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aaaagccagt cagacaagtg agtacttccc agattggata tacaacaggc tagagcaggg 180
catagatttg acaactgatg gggatgatag cacacaagag aaagagatag caaggagaat 240
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<210> 20237
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<212> DNA
<213> Glycine max

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<400> 20237

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tcacatcttt ctttcttctt tcatgttttc cacaatttca ctgtgtttca tgtgattttg 180

tctattgtta ttaggctgtt ctgcatcata attaatgata aaaacacata tgtatgtatg 240
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<210> 20238
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 <212> DNA
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<223> Clone ID: 700955695H1

<400> 20238

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 ggaaggaact tgacatgatt tccacctgat gtcttcattc tggaactgag caaatgggct 180
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<210> 20239
 <211> 254
 <212> DNA
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<223> Clone ID: 700955701H1

<400> 20239

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 gtcacagat tttctcgctt ttggaatcaa atctgtatcc caagatgtct tgccgtgtctt 180
 gactgatgca ttcgatggaa atattttgag ccttgagttt gataattttg ctgaagtgcg 240
 caaactctat gaag 254

<210> 20240
 <211> 246
 <212> DNA
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<223> Clone ID: 700955702H1

<400> 20240

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 gcttcgggga gttgaaaata agcgtagatc cggggattcc cgatataggt caacctttcg 180
 aactgctgct gaatccacgg gcaggcaaga gacaacctgg tgaactgaaa catcttagta 240
 gccaga 246

<210> 20241
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955703H1

<400> 20241

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 agattccaaa ggtagagagc cataggtatc catcacaggg gtgtgcagac ttgatgacca 180
 ctgatgccgg tatctcattc attgaacaga agttcatgga tgccaaacga cttgcaactc 240
 atcaagactt acagtc 256

<210> 20242
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 <212> DNA
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<223> Clone ID: 700955704H1

<400> 20242

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 cgacggcaag gactaccagg agccggcgcc ggcgccactg gttgaccga cgaggtttac 180
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<210> 20243
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D E F I N I T I O N

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D E F I N I T I O N

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D E F I N I T I O N

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ag

242

<210> 20246
<211> 239
<212> DNA
<213> Glycine max

<223> Clone ID: 700955711H1

<400> 20246

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cgcacgggct ggattggcgg cctcctcggc tccctctgcc gggcccaggc catctccttc 180
cattacggct cgggcccgcct cgagaaccgg gcctccctcg aaaccgacat agccctcct 239

<210> 20247
<211> 239
<212> DNA
<213> Glycine max

<223> Clone ID: 700955712H1

<400> 20247

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tgtgttaaaa aaatattgaa cttggttggc tctaagtaga aacaaaactt gtcattttcc 120
cattttctgca tttttggttt gggagaggag aaaccaagaa ttaagaaatg gggtgtctcg 180
taagagtttg ttgtgtctta tttttggtgt tggtggtggc atgtgttaga ggggaggac 239

<210> 20248
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700955713H1

<400> 20248

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tcaagcatat ttctgggggt tggtcccttt tccttgtttg gggttttctt gggaaaaaag 120
aagtaattag gtataataat agtataacta aagcaaaaaa aaagacagta atatgggaag 180

gggtaggggtt cagctgaaga ggatagagaa caagatcaat cggcaggtaa ctttctccaa 240

<210> 20249
<211> 175
<212> DNA
<213> Glycine max

<223> Clone ID: 700955715H1

<400> 20249

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gttttagtat ataagtgttt gatccattta gtctcggaat aataaatgtg tcgtaagact 120
aacattggag acaatcatgt atccaaatcc ttcatatatg agagaatatt ttgat 175

<210> 20250
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700955717H1

<400> 20250

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aaggggacta tgggtggttat gcagaagaat gtgttgata tcaacagcat caccagtgtt 120
gacgggatcg tcggcaccgg cttagacttc ttaggcagtg cactcgatac agttactttt 180
ttagcctcct ccattctccat ccaacttatt agtgctacca aggctgatgg tgggaaagga 240
aaagttggaa ag 252

<210> 20251
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700955719H1

<400> 20251

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tcccccttc ttggttccaa accaaaacca tcaactgcacc ttcttcttct tcttcttctt 180

cttccagtgc ccgcatcatc aagagaacaa caatggaccc caacgagctg aagcgcggtg 240
tccagat 247

<210> 20252
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700955720H1

<400> 20252

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acatcgggtca ggccgggtatt caggtcggaa acgcctgctg ggagctctac tgcctcgaac 180
acggcattca gcctgatggg cagatgccaa gtgataagac tgttggtgga ggtgatgatg 240
ctttcaa 247

<210> 20253
<211> 242
<212> DNA
<213> Glycine max

<223> Clone ID: 700955721H1

<400> 20253

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ggcagatcgg gttttccctt gtcacttttg tataattatt ttggaagaat ttatgatgtc 180
aaagttattg tttaatatta atggcgacat tgtatttatt atttgtaaaa tattcggact 240
ca 242

<210> 20254
<211> 243
<212> DNA
<213> Glycine max

<223> Clone ID: 700955723H1

<400> 20254

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 gaatcctcaa gaagctccgt tacaacacaa caaccaagcc actcaacgct gccaccacct 180
 caatctctcc agtcacgccc ccaccgtcac tcttcgagag gtcgcccgtcc cctgtcgcgg 240
 atg 243

<210> 20255
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955725H1

<400> 20255

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 aatataaata atataaatat aaaaagaaca aacacaaatt ttatgtgatt agtcgcggta 120
 tttaaaataa aaaatgaaag tagacaaata aaaaaggaaa ggagatgttt gaataaaaat 180
 aattccccctt caagttctta ttttttgaga ggacaggaca atatgaatgt tttattatgc 240
 t 241

<210> 20256
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955726H1

<400> 20256

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 tcacatctcg ccggagcgtc gcgtcgctgg ctaagtgcc aagtgtgctg ctgattttgt 180
 ggcttgttga taaaaatgag acttcataac acataacatg ctgtcatcga acataaaggg 240

<210> 20257
 <211> 239
 <212> DNA
 <213> Glycine max

Abstract

gaagaaacat aagagggagt tataagatat tcacagaagc agcaaaaatg cttatgcaac 60
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acattactca cccttctttt cagctttggg caaggccatc atcggtccca aaccaaagga 180
agcaaaaaag ggtttcttat ggatgcagga gtaatggcaa caaaatcaaa gctgtggct 239

<223> Clone ID: 700955728H1

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cgctctctcc tccgctcgca tcattccctc cgtctcactc tcttctctct ctcgctcctt  120
cttctcactc tcattctctt ctccaaaact ccaatgcttg cgctctcttc ctcgattttc  180
gcacctcttt ctcaatcagc gaagagcgga ggttcgcgtt tcgagtggag gatacggaa   239
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<223> Clone ID: 700955729H1

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aagggttgatg tgcggtgatt cactcgactt ttgcttaata tggcgggtga gaagttgagc  120
attgcaaaag atgtgactga attaatggc aaaactccat tggatatctt caaccgcatt  180
gtggatggct gtgttgccaa agttgctgcg aactagaaat gatggaacct tgctcc   236
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8599

<223> Clone ID: 700955691H1

<400> 20260

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aggcctgttg caataacgcc ttctgttgcg ccccgatatgc ctctctaccc tcttggtgct 120
cttggtcttg gacaacaatt tttgtatggg caaggacccc cagccatgat gcctccacaa 180
gctggatttg gataccagca gcaactagtt cctggaatga gacctggtgg tggccccatg 240
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<210> 20261

<211> 250

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700955657H1

<400> 20261

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aacagagagc attgaggttc cgacaccac agcgaggaan tgacctcac tgcttcaatt 180
ttacaccctc tctctgtttg gtgatagatt ttgaatcaaa ttatgatatt gctgcctctg 240
ccaacttcac 250

<210> 20262

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700955658H1

<400> 20262

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gacagaaaaa actggatgtc ccatctcgac cctcagaaac tccgcatcaa ccaaatcgtc 180
tggcccgga cccacgactc cgcaaccaac aaaattggca tccctctcct cactcgcccc 240
ttcgcccagt 250

<210> 20263
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955659H1

<400> 20263

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 caaccagtta gtcttctctg acctcagggt caaccagctt accgggcccga tagacccgaa 180
 actcttccag agggacctcg atgtgatctt tgtcaacgat aaccagttca ccgggtgcct 240
 cccggagaa 249

<210> 20264
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955660H1

<400> 20264

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 cgacgttttg gacatcgaag gatcggattc ttctgctctt ttctccgtcg cggataggct 180
 taaaaaactt tacggagcaa atgtgtatgt gggcttctcg attcccgatg ccgatactgc 240
 ttctcg 246

<210> 20265
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955661H1

<400> 20265

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ttctaataat aattgatata gtttgagtta ttgtttcgag acacacagat agagagagag 180
 agagagaatg ggtagaggga gagttgagtt gaagatgata gagcacaaga tcaaccgcca 240
 agtaacttt 249

<210> 20266
 <211> 240
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955663H1
 <400> 20266

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 aagttctggg acccttactt cttcttcatg agacctaaagc ctgtgtacga agttaccttc 120
 cttgatcctt atgccggatc agatatctgt taaggctgcg aggtactcgt ccatttaagt 180
 cgccaaccac gtcgcatcaa gtacttgatg atctgtaagg gtataagtac acctgggtca 240

<210> 20267
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955664H1
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 gttgcaggca atgccactag accccttgaa tgattgcccc aagaatgctt actacatgga 180
 tgggtgtcttt gcctcttccg atggaacacc atatctccaa cccaacatga tttgcatttt 240
 tgagagttat gc 252

<210> 20268
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955665H1
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 gaccacatc gctgttgttt atttgttcat ttttggggtt gtttatttgc tggttccggt 180
 tttgttcttt ttcgtgggtt tacccttaaa aatcgcgctt ttacaaaaa tttgacggat 240
 aatttgtggg ggc 253

<210> 20269
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955666H1

<400> 20269

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 aaaaacatcg gcattgtcgc catgcacatg cagcttctcc acaacgaccg cgtcatcatc 180
 ttcgaccgca ccgacttcgg actctccaac ctaacctcc ccgacggaag atgccgcaac 240
 aacccaaacg agttg 255

<210> 20270
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955667H1

<400> 20270

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 gtttctctca tcttggtggt tggagtggcc ataggtgtgg tgggtggccgt caacaagaag 180
 ggcgaggatc ccacacttca atctcaacaa aatcagtag gggttatctg caaaaacact 240
 gatgaccag 249

<210> 20271
 <211> 247

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<212> DNA
<213> Glycine max

<223> Clone ID: 700955672H1

<400> 20271

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ataatgcatg atcagttgcg cctgactaga ttaacagagc ttgattcaat tgccaagcag 180
ataaaggctc tagagtccat catggtagaa gataacaagt tcacaaaagg tgaggaagct 240
gagtcac 247

<210> 20272
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955673H1

<400> 20272

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ttgttgagga agatttctgg gaagatccac gaccacgatt cgtcattctt gtcggattcc 180
gacaacgaga aaaccagcgc ttctgactcc ttgaagtcaa aggttttcag gcttttcggc 240
agagaaa 247

<210> 20273
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955675H1

<400> 20273

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acggaggtgg cgagatcagt ggtgcacgac gttttggggc aaaggggtgg cgacgtggac 120
cagccaatcg tcgattacat cgtaaagctc ctcgccgacg atgacttcga ttccggcctc 180
gacggccaag gcgccttcga agccctcggc gagctcctcg tcgccgccgg ctgcgtcgac 240

244

<400> 20274

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gtttcagcat	cgtcctctct	tgagtcccca	tatcaaatac	ccaccgaatt	caacccccca	180
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ggtt						244

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<212>	DNA
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<223>	Clone ID: 700955678H1
<400>	20275

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actcttcocg	atatatatat	gaacagaaga	gtactccttc	gaatgagaaa	agtcttgaaa	180
gatatgatag	acatgatggt	ggccataatg	agtctgagga	aggacaatca	aatcatgtgg	240
aggatc						246

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<212>      DNA
<213>      Glycine max

<223>      Clone ID: 700955679H1

<400>      20276
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 tgcaggcccc gttcgggttt ggcaagaaga aagccgccgc cccgaagaaa gtttccaggg 180
 ggtcgggctt cagctccgat aggccccctgt ggtatccggg cgccaaggcg cccgagtacc 240
 tggatggg 248

<210> 20277
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955680H1

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 ctactactcg gataaccgta gtaattctag agctaatacg tgtaacaaac cccgacttct 180
 ggaagggatg catttattag ataaaaggtc aacacaggct ctgcctgttg ctttgatgat 240
 tcatgata 248

<210> 20278
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955681H1

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 aagtacacag agactgagat tcagtccttg tacaactatg aaaccactga acttggtcac 180
 gagaacaata atggcactta tcagtgggtt gtcaagccca aaactgtcaa atatgaattt 240
 aaaaccaaca cccat 255

<210> 20279
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955682H1

<400> 20279

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 aaagctatatt atggtgttta tcctgatgaa actggaagca ggagaaatgg aaaattagaa 180
 gaaaagatat tgatacaaca atttggaagt ttagaggagt ttgtcaaatac agcagctcat 240
 gctatggaag gga 253

<210> 20280

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700955683H1

<400> 20280

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 tctacagcaa atattgtcca cggaacaaaa ctatgtaccg ataactcgag gagaaagagt 180
 ggtccttatg gtcaatgggt taggtgccac tcctacaatg gaactaatga ttatagctgg 240
 aaaaacagtt c 251

<210> 20281

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700955684H1

<400> 20281

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 cggttcagaa aatggaccgc aaacaaaccc gaaacccaaa cccgtggatc cgaattcgga 180
 cctgggtcaat gccaaaagcg acaaagctga cgctgacatc tctatgtgtc cacctcccag 240
 gcttggacag t 251

<210> 20282
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700955685H1

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caaggctgca cgtaagtctg caccaactac tgggtggtgtg aagaagccac atcgttaccg 180
tcctggtacc gttgctcttc gtgagattag gaaataccag aagagtaccg agcttttgat 240
c 241

<210> 20283
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700955686H1

<400> 20283

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tccttcgcaa aggttttcga ataatgggta gtggagctct caaaacgact gagaacagtc 180
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ctgcaaagag 250

<210> 20284
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700955687H1

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gctcctaagt caccagctgt ttcttcatcc aaatctgagg ataggggaga tgccaattta 180
gataacttcac caaaggctac taatcatgag atgaaccaag caatttctga gaaccccgat 240
tccaaca 247

<210> 20285
<211> 251
<212> DNA
<213> Glycine max
<223> Clone ID: 700955656H1
<400> 20285

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<210> 20286
<211> 250
<212> DNA
<213> Glycine max
<223> Clone ID: 700955688H1
<400> 20286

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<210> 20287
<211> 251
<212> DNA
<213> Glycine max
<223> Clone ID: 700955614H1

<400> 20287

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 gaccgcccgc gccgcccgcg gaagcagaag aagaacaaca aggcattctga ggccccgggtt 180
 cctaactctt ccgaagagag tgacgatgcy aaagagaaca acgattcaaa acagcttggtt 240
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<210> 20288

<211> 248

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700955615H1

<400> 20288

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 tttaactcta ggaattattc tgcaactggg tcttacgtca atggcgggact gcaactcgcct 180
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<210> 20289

<211> 236

<212> DNA

<213> Glycine max

<223> Clone ID: 700955616H1

<400> 20289

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 aaagaaaact aaattatttt taatagaaag ttgaaaaagg gtttcaacca ttgtgtataa 180
 gatgaaaaac aattgttgtc tattaaatta atcttaattt tggatatatat atattt 236

<210> 20290

<211> 141
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955619H1

<400> 20290

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 atgaacaaat aaatccctta c 141

<210> 20291
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955620H1

<400> 20291

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 gaactgctgc tgaatccacg ggcaggcaag agacaacctg gtgaactgaa acatcttagt 180
 agccagagga aaagaaagca aaagcgattc ccgtagtagc ggcgagcgaa atgggagcag 240
 cctaaaccgt gaaaa 255

<210> 20292
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955621H1

<400> 20292

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 tatcaaatac aaagatggga ttctaattggc cgctgacatg ggaggttcgt atggatctac 180
 cctgcggtac aagagtgttg agcgtatcaa gcctattgga aagcattctc ttcttggtgc 240
 tagcggggag ata 253

<210> 20293
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 <212> DNA
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<223> Clone ID: 700955623H1

<400> 20293

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 aagcctgcc a tggcttcctc gtgtgcttcc tctgccattg cagctgttgc catctccaca 120
 ccaagttccc agaagaatgg atcactcttg ggaagcacia aagcttcttt tcttagtggg 180
 aggaaactga aggtgaacag ttttacagca ccagttggag cacgatccag cactacagt 240
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<210> 20294
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955624H1

<400> 20294

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 cagtgcctcc agaaactacc ctcttccaat aacaagttca cctacaattg cgaccaccac 180
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<210> 20295
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955625H1

<400> 20295

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 caactgagt ttaacttcct tgtctctttg ttgaaaaaga attggcagaa cgttcgctgc 180

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 ttcagtgaat tt 252

<210> 20296
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955626H1
 <400> 20296

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 agcctacggg gccatcaagg ataccaccaa agtgggtctt gccatgtca atagcgatta 180
 cgcggtattg gacgttgcca tagtcaaagc cacgaaccac gtcgagtgtc cccccaaga 240
 gaggcacctc 250

<210> 20297
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955628H1
 <400> 20297

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 tgtagaattt gtcataaga agagtttgaa agcgtagaaa ccttggaagc accttggtgct 180
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 ggaaatac 248

<210> 20298
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955629H1
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 gttggctatg tgtgtgcttc cggccatggg tgtggccatt cgcccagcaa agaacccttt 180
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<210> 20299
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955630H1

<400> 20299

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 ttgtggaatt tccgggggtca ctctggaatt gctcttgtgg aattcaacaa agactgggtca 180
 ggcttggata atgcgttggc atttgaaagg gaatatgaat tagatcatca tgggaaaaag 240
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<210> 20300
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955632H1

<400> 20300

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 aagatacaga acattgtatt gctaagtacg gcttatgggg ctgaaggatga actgggtgtg 120
 gttttatctg acaagttcat tgaacatgat gcttactgta tgtttgatgc tttaatgaat 180
 ggggcacgtg gttcaattgc aatggctgat ttcttctctt attctccttt gcctgggtcc 240
 catactggct tgc 253

<210> 20301
 <211> 257
 <212> DNA

<213> Glycine max

<223> Clone ID: 700955633H1

<400> 20301

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tctttgtaaa atttgtgagt tatttggaat ttcattgttg aacgtagcgc aaatctgaat 180
gatctgatct tgagcttgag cttagagtaa gtactagtgt gtagttgaat tgtataaggt 240
acatttgag tttgcat 257

<210> 20302

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700955635H1

<400> 20302

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catgtcctct gatcagacac catttaggag agatgagtat gagagagtga agctttgttg 120
ggcgaggggtg ttaagtgttg atcaggtgga agggcacaag gatccagata ttcagacatg 180
gggtgatgaa gagaatcagg gtgatgatcc tcctaggttg tgggttcaga atggaaagct 240
tcctggagct g 251

<210> 20303

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700955637H1

<400> 20303

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cgcctacggc tccaactacg agaaagccgc tgcgttcacg gatctggctg aagatggtgt 180
tgggtctcct gaggaaattc tcgactcacc aaacttccaa aattacataa gattttattt 240

ctgaaacttg gacacgaaag aaaggctcgt atgcgcgact tctctctctt gcattgattc 120
 aacgttggtcc attctccgaa acatcacaaa gaaaccaaac tgagagagtg aagaataaga 180
 agaataaaaa gaagaagaag ggacgacaac aatggggggg ttcgcaatgg gttctgcctt 240
 cgattccaaa 250

<210> 20307
 <211> 251
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955648H1
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 aactgttcca aattgtgaac cttgtcgacc cattcaaaga tctcctatag aaggtttcta 180
 tttagctgga gattacacaa aacaaaaata tttagcttca atggaaggcg ctgttctttc 240
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<210> 20308
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955649H1
 <400> 20308

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 gtaagtcacc gcgtgcgctt cgcacacccc gcttctctct gcaaatgtac atgtactgct 180
 ttggcaccct tttgtttggt ttttcaggaa aaggcttttag tgtgcaattc agcttgagca 240
 tgcggagtca taactggt 258

<210> 20309
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955651H1

<400> 20309

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cctcacgttg aattgttctt tcaactccact tccctttttt tgtgaatccc ttcgaaattt 120
tccttttttt ttttttgat aattgacgtg gggtttggtc ctgttgctat gctacggttc 180
tgattttcga ttttcttgaa aaaaatgaat tttagggatt ttactgagta atggtaattg 240
tagtctctac atg 253

<210> 20310

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700955652H1

<400> 20310

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gtagtgacct ttatgtcatc atatctcttg gtcaccaatc agtgaagaca cgtgtcgtaa 180
agagtagttt aaatccaaat tggaatgata gcttaatgtt gtcaattcct gcacacatt 240
ccacctctta aag 253

<210> 20311

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700955653H1

<400> 20311

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gacttcaatg tccaattatg aattctgatg tgattcatgg atgcaattta atttaaagtt 120
gtgctgtttt aggattttat atattttgtg gttctacgct tgattgattt tgaacctact 180
aatgtctgtt ccatatgtat ggtcaatgat tgtagttcat gacaagtgaag aggaattatt 240
gtgagtttta a 251

<210> 20312
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955613H1

<400> 20312

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 caggagacag gctcagctca atccccaaac tgcccctcta cttcgggcag cgctgcccga 180
 cctgccccaa gaccttgttt ctgagatgat gagacccctt ttgaggtctt atgaccctaa 240
 tctcatcca 249

<210> 20313
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955572H1

<400> 20313

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 catgtgctgg ttttgccatt tcctgtctca gggcatgtca atcctctgat gctcttgtca 120
 aaaaaaacta gctgaacatg gcttcaaagt cacttttgtc aacacagatt tcaaccacaa 180
 gagagtgttg agtgcaacaa atgaggaggg atcagcagtg agattaatct caatcccaga 240
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<210> 20314
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955574H1

<400> 20314

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tataaatatg gagagcctgg aagaaagagt gtttatgttc atggatgaac aatattatTT 180
 ttccaattcc aatgaatcag agctgcatat gcatcatcat ccctctgtgt ctgtggagaa 240
 catatc 246

<210> 20315
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955575H1

<400> 20315

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 aagactttga ccggaagac catcaccctt gaggtggaat cctcggacac cattgataat 120
 gttaaggcca agatccagga caaagagggc atccccccag atcagcagag gctgattttg 180
 cccggtaaac aacttgagga tggaagaacc cttgctgatt acaacattca gaaggaatcc 240
 accctt 246

<210> 20316
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955578H1

<400> 20316

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 gttcgatcac cagccgcacc cttacaacgg tccctccgcc gatgaagtct tcgccaagcg 180
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 aggg 244

<210> 20317
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955579H1

<400> 20317
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 gctcaagttg aaagggtacg agaggaatac aaaaagaacc ggttttgcat taagcaaagc 180
 ggtgacctac tcatgagaat gcagctcaca aaggagaacc gtgtggggccc attctagcaa 240
 g 241

<210> 20318
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955580H1

<400> 20318
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 gacatcaaag gctacctcgt actcttcttc ctatgggttca tatcaaccat tctgatacgt 120
 tccatcttca agaaaccaca gcgtctaaga ctcccaccgg gtccctccaat ttcaataccc 180
 ttgctgggac acgcgccata tctccgttca ctgctccacc aagcattgta caagctatca 240
 ctgcgctatg ga 252

<210> 20319
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955581H1

<400> 20319
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 gattggtatg acattaaggc tccttctggt tttcaagtga aaaatgttgg caaaaccctc 180
 gtctctcgta ctcagggtac caagattgct tctgaaggac tcaagcatag agtgtttgag 240
 gtctccttgg ctgactttca agggga 266

<210> 20320

<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700955582H1

<400> 20320

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aaaagatggt cactccgtgg aatgactgct ctggtcacag gagccacccg aggcataagg 120
catgccattg ttgaagaatt ggcagacttt ggagcaactg ttcataatg tgcacgtaat 180
caagatgata ttgataagtg tttagaagag tggaaaaacg agggacttaa tgtgactggc 240
tcagtatgtg at 252

<210> 20321
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700955583H1

<400> 20321

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tgttcaagag gttcctcatg aagggcccat gtgcgatctg ttgtggtctg atccagatga 180
taggtgtggc tggggaattt ctctcgtgg tgctggatat acatttggcc aggatataatc 240
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<210> 20322
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700955584H1

<400> 20322

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cctacgacag tagcggaact gatgatgacc ttccaccaac ccatcaaaac agaatttcca 120
ggggaggagg aggacgtctc gctgggaatg ggagatctgc tgttggttca attccttacc 180

caaggatgta tgggtgaaatt gatatggaga cccaaattca tcagcttgag caagaagcat 240
acagttcagt tcta 254

<210> 20323
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955589H1

<400> 20323

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gctggacttc agggagttag gaagacaacg gtttgcgcaa agttggcaaa ttatctcaag 180
aaacagggaa aaagttgcat gctagttgct ggggatgttt acagacctgc tgctattgac 240
cagctt 246

<210> 20324
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700955590H1

<400> 20324

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ttttatgcat tcgtggaaga gagacagaaa gtccactgcc taaatactct attttctaag 180
ctgcaaataa accagtctat catcttctgc aattcagtga atcgggttga acttcttgcc 240
aagaaa 246

<210> 20325
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700955591H1

<400> 20325

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 atggtcactt ggcctatatt cgccgaccaa tttttcaatg agaagttggt gattgaggtc 180
 cttaaaattg gggtagctgt tggtagctaaa acatggcttg gaatgcaggg agatagtatt 240
 tcat 244

<210> 20326
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955593H1

<400> 20326

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 gtgagagaaa ggtgaagaaa tcggtggagg gaatgaaagg ggtgacagag gtggaggtgg 180
 atagaaaggc cagcaaggta actgtttccg gctatgtgga accctcaaag gtggtttctc 240
 gcatcg 246

<210> 20327
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955594H1

<400> 20327

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 aaagaagaga atatagatga atttgactag agctttgtcg acaacacccat ttagacatgt 180
 ggcaggatca aattttgcat ccatttttac tgtgcaatct gtttgtgcat cagcaagatg 240
 tgtg 244

<210> 20328
 <211> 74
 <212> DNA

<213> Glycine max

<223> Clone ID: 700955595H1

<400> 20328

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<210> 20329

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700955602H1

<400> 20329

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tcgcagaaac ttgttggtgca ctctattag gaggtccga gtgacttttt tcattgtctt 120

tgaatcacct gagaaaaagg aatctctgca gtttggagag ctggaatggc ttacagatgt 180

gggtattttc ggcgaacaat ttgctcagga agccttggtc gcagctgaag tacctcagct 240

tcccgaact cataacagt 259

<210> 20330

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700955603H1

<400> 20330

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ttgcgatggc taggaagatg cttatcgatg gtgaagctga attggctcaa ggtgggtggag 120

aagaagtgtc gaattttgac ttcgacttgt ttattattgg ggctggaagt ggtggcggtc 180

gtgccgctag attttcatcc aattttggag ctaaggtggg gatttgtgag cttccatttc 240

atccaattag ttcaga 256

<210> 20331

<211> 256

<212> DNA

002230-03550

<213> Glycine max

<223> Clone ID: 700955604H1

<400> 20331

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tattcaattg cttccacaag gtatggggac ttttttgatg gaaaaactgc cagcttgtgt 180
gtgcgtcgtg ctgtttatta tgatcctgtg acaggaaagg aagatccttc caagaatggc 240
atttgtagca attttt 256

<210> 20332

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700955606H1

<400> 20332

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attgagaaaa tggagaaatt gttaagggaa cctacagggg gatcattggg caggggaattt 180
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aatggacag aga 253

<210> 20333

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700955608H1

<400> 20333

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attttatttt tcattcttat tttcttctct taaataagtg ttcattggaga agtttatcca 180
aaaaagggtc tgctctgttt attttctgaa tttctgttaa agcaagcaaa tagttctaatt 240

tgcaactgctt at

252

<210> 20334
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700955609H1

<400> 20334

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taatgaactt gttgatcggg tgagtttga tgggaaattt ctccaggaat ctctctccag 180
aactaagaat gcggatgaat ttacctcaag acttttagat attcattcta agatgctaca 240
gattaac 247

<210> 20335
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955610H1

<400> 20335

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aacctgacct agaacattgt tgtataactg atgatgtacc acctaaaggg gtcacgagg 180
cacaagtcta ttgttgccca ccaagatctt ctgcccctcc tatagatttc aagttgccta 240
aaggaacacc cc 252

<210> 20336
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700955611H1

<400> 20336

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ataacacact ggcaccttgt accacaccaa cagagattgg tggtaactga tctaagttgt 120
 atcttttatac tttttctttg ttgtatcatt ttcttgtgtg aataccagtt gtcttcaaatt 180
 agcaatgaga ggagcagcac ttcaattctt tgaatgtgaa ctgtaactta ctaggataact 240
 aataactcat 249

<210> 20337
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955612H1

<400> 20337
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 tgccctacaa aaggacacct cctagctggc tcaagatctc ttgcgaagat gtcgaagaaa 180
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 attctcacg 249

<210> 20338
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955569H1

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 ttcaacaaca caagaaccgg agaagcggca gtcaaacgca gcgtttcgct ggggctgaag 180
 gttgggggag cgagtgtgcg gtttaggaac attctcaatg acttcaacag agccgttagg 240
 tttcactgcg 250

<210> 20339
 <211> 78
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955534H1

<400> 20339

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aaatgaccgt ttgaggct 78

<210> 20340

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700955535H1

<400> 20340

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cggcgtttga gcgtcacgcg ctctctctgt ttctgtttct gtttctgact ccgattatca 120

atgcctccat tcacgactac tccaacgaac ccttcactca tcgctccgac gccttcttct 180

tccacggcgg cagcgaggcc ctcttcgcca aatccttcat caggttcgaa acggtgacgt 240

ttgcgcgtcc tcgcgagtcc gcg 263

<210> 20341

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700955536H1

<400> 20341

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ctatcccatg gagaggcttc aggacgtgga gaaagacgaa gaaggggaag aaagtccgaa 120

tcctgttctt atccccttgt cagatattaa tacagcaaca acaaaccctg cagtgtctga 180

agagcaatca actatcaagt cctgcatgta tagagatggg aacattccca agaacaaaag 240

aaaacgcggg gagcgcaaag 260

<210> 20342

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700955537H1

<400> 20342

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gtacgaactc cgatcccccc ccgagtcaca ctcaaccagc accaccgccc gatccgacga 120
tgtctcgcgc ctctccgcc gcagattccg ccgctccgg tgagatcata ctgttcggag 180
tcagagtcgt cgtcgattcc atgaggaaga gcgtcacatg agcaacctct cacagtacga 240
gcctcctcaa gacgg 255

<210> 20343

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700955540H1

<400> 20343

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ctccggcctc cgtcgagtc tttccgattc gaatcgttcc cagccttggtg ccaccatgaa 120
tcccgaatac gattatttgt tcaagctttt gctgattgga gattctgggtg taggcaagtc 180
atgtcttctc ctgaggtttg ctgatgattc ataccttgac agctatatca gtaccattgg 240
agtggacttt a 251

<210> 20344

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700955542H1

<400> 20344

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ggggcatgta ttgtgtattg tatacagatg caaatcttcg ttaagacact cactggtaag 120
acaatcacc ttgagggtgga gagttcagat accatagata atgtaaagtc caagattcaa 180
gacaaggaag ggatcccacc agaccagcaa cgtctcattt ttgctagcaa gcagcttgag 240
gatagac 247

gcgtaggctt gaccatccaa acataattaa attggagggc ttgattacat cacgaatgtc 180
 tcgcagcctg taccttggtt ttgagtatat ggagcatgat cttacgggac ttgcatcaaa 240
 tcctgat 247

<210> 20348
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955547H1

<400> 20348

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 gattctgaga ccgtcaacaa gaagtgttct tctgctgac tagagccaga gctgcctggt 120
 tctctctcaa tgaatgttcc agaccagat ttccatgatt ttgatggaga ccgtactgaa 180
 aatgcttttg gtgagaacca ggtatgggct gcatatgata atgatgatgg catgccgcgt 240
 tactatt 247

<210> 20349
 <211> 152
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955548H1

<400> 20349

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 ctctctcttc ctctgttct cactctgcat cgccgcaacc gttagatcga gcgacacgtc 120
 tacgattgtg tgtacacggc ctacgttaga ac 152

<210> 20350
 <211> 236
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955549H1

<400> 20350

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tccaataaga gctcgtgct agtgaaccct aacacggcgg caacgagagg tggtcggttg 120
 aagctcagat cagcgatggc agcagcaacc cgcacttctc tgcggttcct cctctcagtc 180
 tccgtaacct taactctcgc tcacctcgcc gcctcaaatt ccgaagcgac gctctc 236

<210> 20351
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955550H1

<400> 20351

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 gaagtggagg tggcgggtgct tcaccgtctg caccgttgaa gcaatactta caggaattct 120
 cgaagctggt tcagtactat ctggataaat cactcccca tccccctac aggtggattg 180
 ggactttcgt cattgcatcc atctacgttt tgcgtgttgt ttatgtgcaa gaggtttaca 240
 tggtccttag ggctcggg 258

<210> 20352
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955551H1

<400> 20352

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 gatcctgggtg gtgtgtttga cggcatcatg cgcgctaagc caaccgcaga agctatcagc 180
 gtacgatggt ctcattggagt acggcttccc ggtgggtctt cttccgaagg gagccatagg 240
 gtattcactg aacagaga 258

<210> 20353
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955552H1

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 ggccaggccg gtatccaggt tggaaacgcc tgctgggaac tctattgcct tgaacacggc 180
 attcagcccc atcgacagat gccgagtgc aagaccgttg gcggaggaga cgacgccttc 240
 aacacatttt tcagcga 257

<210> 20354
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955553H1

<400> 20354
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 acggcaagga ctaccaggag ccggcgccgg cgccgctggt tgacccgacg gagtttacgt 180
 catggtcgtt ttacagagca gggatagcag agtttggtgc cacttttctg tttctctaca 240
 tcaccgtctt aaccg 255

<210> 20355
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955554H1

<400> 20355
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 atgggagagg aggaaaacaa accagaggaa cccatggcaa aggagaaaaa cccagaggaa 180
 gaagcaaccc aagagaaaaa accggagcaa gagtccaaag aggaagttgc tgctgctgct 240
 gctgctccgc ca 252

<210> 20356

<211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955555H1

<400> 20356

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 gcttcattac gatccgtata acttcgagtc cttgtgggtc agggagcatt caagtagcga 180
 ggtcctaatt attaaccggt ttacttttct tggaatacaa ggcagtttaa ccatgcagac 240
 cccaaagaca ag 252

<210> 20357
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955556H1

<400> 20357

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 tatcatcatc atgctttcgt ttccactct cagaagatcc tcaccttcc tcgcccagcg 120
 cttctcaacc caacgggtccc agatccgcca cgcgtcaacc tcctctctct cctctctctc 180
 actccacaac accgcgaacc cggttcgaac ctggttcggt cgaaacgcac tctcgaccgt 240
 cctcgccggc gc 252

<210> 20358
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955557H1

<400> 20358

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 cggtttcagg aaccaacaag aacaagaaca aggttcaga agacaaatgg tatttagcct 120
 acattgtgta ttttaccctg ggtctcggtt accttctccc atggaacgct ttcacaccg 180

ccgttgatta cttctccttt ctctaccctg acgccagcgt tgaccgcac ctcgccgtgg 240
 ttacatgat 250

<210> 20359
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955560H1

<400> 20359

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 ggacccgaaa gatggtgaac tatgcctgag cggggcggaag ccagatgaaa ctctggtgga 180
 ggcccgtaac gatactgacg tgcaaatacgt tcgtctgact tgggtatagg ggcgaaacac 240
 taatcg 246

<210> 20360
 <211> 73
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955563H1

<400> 20360

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 gacgcaatta cct 73

<210> 20361
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955565H1

<400> 20361

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 tcaatgacta gcttacgtgg ttctctcag gctgtgttgg aaggtagcct tggctccaca 180

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agagcacagc aacaacaagt g 261

<210> 20362
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700955566H1

<400> 20362

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caatgggttg tagcattact ttacaaaga aaaagggcga ctatgttaag aaggagatg 120
agtttgata tttctcattc ggtggaagca ctgtaatttg cgtttttgaa gagaattcaa 180
ttgcaattga tgaagacctt ttagcaaata gcgccagatc actggagacc ttggtgtctg 240
tagggatgag attgggtgtc 260

<210> 20363
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700955567H1

<400> 20363

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tctcgatatc gctttctctt gtgctgttct gtctgcgctt tttctcacca accacatcca 180
tcatgatgat aacaagccaa ttactttgtt agcctctcgt gtgtctgaaa ctcttaaagt 240
ttggccagac ttggagcca 259

<210> 20364
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700955568H1

<400> 20364

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 cagagctatg ccttccaaga agagtcttgg agccttgata acaactatgg ccacaaccac 180
 aagcaattcc caggcatgca catgaacatg aacaacaaca acaacaacaa aaggcttggt 240
 gcttttgctg ctg 253

<210> 20365
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955532H1

<400> 20365

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 attttctttc cctataatcg gaaacctcca ccaactcaag caacccctcc accgcacgtt 180
 ccatgccttc tcacaaaaat atggccctat tttctccctc tggttcgggt cccgttttgt 240
 cgtcgtcggt tcgtcgc 257

<210> 20366
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955492H1

<400> 20366

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 actgggtact tgagaactag gctcctgtct accagaagag atgagtactg atgaatatcc 180
 tcaatggccc atggcttttg ccatgccgat taggcagggc cctcctggca accctgaggg 240
 gttctctggc tcggggga 258

<210> 20367
 <211> 250
 <212> DNA

<213> Glycine max

<223> Clone ID: 700955493H1

<400> 20367

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 caagaacctc aaaaaccctt tctctctctc tctctctaga tctgttcaaa tccgaaacca 180
 tttccgctct aatttccaag agcaaacctt aatccgctct ctctgtatga tactagattt 240
 cccctcctca 250

<210> 20368

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700955494H1

<400> 20368

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 gagctttctt tctgttttat tctgagtcac gcataccgtg attctctat tagatcggcc 180
 tttttccatt tccatttcat tcgggggtcg caaatttctg ggactaatca attgacaatg 240
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<210> 20369

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700955495H1

<400> 20369

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 actgggataa ggaagttatg gaggattggt gtgtggccgg gtaccatgtc ccaaagggaa 180
 cacgtttgct tattaaccta tggaacttgc aaagggatcc aaaagtttgg cccaacccta 240

ataagtttga acccgag

257

<210> 20370
<211> 273
<212> DNA
<213> Glycine max

<223> Clone ID: 700955501H1

<400> 20370

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agtcagccgt ttgcttactg ggcttaattg tggaaaagca cttgaagcag tttctctccc 180
agaatctgca acttccctct ctgcggaaca tggttttgac atccaggcct tttccttttg 240
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<210> 20371
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700955502H1

<400> 20371

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agaccttcga actcaacaat ggaagcatgc aggtcctcct caccaatctc ggctgcacca 180
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a 241

<210> 20372
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700955503H1

<400> 20372

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<213> Glycine max
 <223> Clone ID: 700955511H1
 <400> 20378
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 cacaaaatct cctttcttcat acccagaaga acacaagcca agttagaaga cctcaatctt 180
 caccctaaacc tcatcacctt tgtccccatc aatgttcttc acgttgatgg tcttccttat 240
 gatgcagaa 249

<210> 20379
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955512H1
 <400> 20379
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 gactctggga agtcaactac cactgggtcat ttgatctaca agcttggagg tattgacaag 180
 cgtgtgattg agagggttcga gaaggaggct gctgagatga acaagaggtc attcaagtat 240
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<210> 20380
 <211> 85
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955513H1
 <400> 20380
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 ggtttcgaat tcgactccaa ccaaa 85

<210> 20381
 <211> 248
 <212> DNA

<213> Glycine max

<223> Clone ID: 700955514H1

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tctctgcatt gtttcgaatt ccattggagga gtcttcgtac accggtcttc ccactagcca 180
cttgctcggg tcagttcctg ctgtcataac tgaagaaaat aatgccacga aacatgtggc 240
caccggtg 248

<210> 20382

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700955515H1

<400> 20382

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tctcctgttc ttgacaagtg cgagtgggtc aaaggccaga cccttcgcca acctctcgtg 120
agatgtaacc ctctctcagc atcagctctc accatcaaag ctgcttecta tgctgacgag 180
ctcgtcaaaa ccgccaaaac agtggcctca ccggggcgtg tttttttggc aatggataac 240
tcaccccc 248

<210> 20383

<211> 81

<212> DNA

<213> Glycine max

<223> Clone ID: 700955516H1

<400> 20383

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tctaaagcga agtgaaaaat t 81

<210> 20384

<211> 216

<212> DNA

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 cttcgcatca gcggtgttc agcatttagt gacaatgctc tggcttacct tgccagcttc 240
 tgcagaaa 248

<210> 20390
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955528H1
 <400> 20390

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 ggggtggttac tcgatgcag gttgtggtgg aacgctatcc tacatggggt gacatagttc 120
 aagtggacac ttgggtttct ggatcaggga agaattggtat gcgccgtgat tggcttttac 180
 gtgactgcaa aactggtgaa atcttgacaa gagcttcag tgtttgggtc atgatgaata 240
 agctaac 247

<210> 20391
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955529H1
 <400> 20391

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 actggacaaa ggtggagaag atactggttg ccaaggcaac agatcataac tcaagacttc 120
 aattaacaac caccacaaa ggtgtgatat gggtggacca agtgtctgct atgccactgg 180
 acacataaa gggacatggt ttccgaactg acctgttga aatgctgaca gctttgaaac 240
 caagatt 247

<210> 20392
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955491H1

<400> 20392
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 ataatacaatt gagccactta ccatcagatt tagatctccc aacagagagt ttctcaaaat 120
 tgccaagtac cctttcagga tcaaggaaga gaatcaagaa ccaccaaag gtgttggtct 180
 ttgttgtagt tgtttgtaac tgtagcaaca tgaagatggt tagaaagttg gttgtggtga 240
 ggcttggtt ggccatatct 260

<210> 20393
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955459H1

<400> 20393
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 aacgacttaa ggagaatttt catagagatg ttatatattc tgaatccaga gctacctttg 120
 ctgaggcaaa actcagtgat ctttatagga aaatcagaat gtcagattat aaggtctgtt 180
 ctatatgcct ttccaatgac agggacttgg cctttggatg tgggcacatg acttgtagag 240
 actgtggatc gaagttatca 260

<210> 20394
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955460H1

<400> 20394
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 taaagaattc ccggccaatt gcaattaaac gactatacaa ccagcatcca cacagctcaa 120
 gggagtttga gaagaacttg aaactattgg cagtatcaga cacaggaatc ttgtcacttt 180
 gcatggttat gctctaactc ctaatggaaa tcttcttttc tatgactata tggagaatgg 240
 ctctctgtgg gatcttcttc a 261

<210> 20395

<211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955461H1

<400> 20395

ctaagtttcc ttctcgctcc cgtctctgaa atttcgaggg ttccatcggt gctgaatcaa 60
 caattcggaa ccagtttagca atgttcagat tctggggatc acaagagcaa caatcacagg 120
 atggttcttc gcatcacagt cgtgggtatcc gccgtcgggtg gtgagttcac caacttcgtc 180
 gaggcctggt acaccgactg catcttcttc ttcattatca cagaggcctt cgtctcatgt 240
 tccaccttct gaagctgctg c 261

<210> 20396
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955463H1

<400> 20396

ctccccaatc gcaaaattca atcgcttctt cttcagctta cactacagga tcgcctcttt 60
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 acttcccaa agtcacgccc tacgattctt tctgaattga attatttata cacgttttat 180
 tttttcttag attgagcgtt acgaaatcga gattgaattt atgagaggga atagaagaag 240
 aataattagg gaggatgca 259

<210> 20397
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955464H1

<400> 20397

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 tgtattcgct caagtatcga cgcaacagg gacttcaatt catcttagat gacagaaaca 120
 atggcaatgc aaggtgttat tgtcacgtct atacgaagtt ggcaactcaa agaagaacac 180

tggacaatct tagtttttca ggctcaattt cggttaaaaa attgtcaaag aatgaaagga 240
ccacagggaa caatcaattt catagg 266

<210> 20398
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700955465H1

<400> 20398

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ggccatgttc cttttggtct cctcagaggt ggcatccacg aattcaaaaag aggtgacaaa 120
tggagttgaa gatgcaaata tcctgggtgga ggctatgggtg ggggttaccc aggcaatggc 180
ggtgggtggct atcctggccg tgggtgggtggc taccctggtc gtggtgggtgg ctatccaggt 240
cgcggtgggtg gttaccctgg tcgtg 265

<210> 20399
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700955468H1

<400> 20399

agaggagaag agaaagtttag agagagaaaa aagaaaagaa ggaatcaggt tagagaaaag 60
gaggagaaaa agtaagaaga ggaagaagaa agggctacgg tgccaagacc caatgcccaa 120
aatcatttc cacggttacc agagtttgta ggccaaagaa gagaaggtgc aaaaagctgc 180
tgatgaactc gcttagcgag gcagattggc taagcgagtc tcattcgctt agcgaggcag 240
ccagctcgct tagcggatgg ga 262

<210> 20400
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700955469H1

<400> 20400

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 aaagaatgcg gttgtcactg tgctgctta cttcaacgac tcacaacgac aagccacca 120
 ggacgctggt gtctttctgg gctcaacgag atgcgaatta tcaacgagcc taccgaggct 180
 gccattgctt atgggctcga caaaaaggcc actagctctg gggagaagaa tgttctcatt 240
 tttgatctcg gtggtggga 259

<210> 20401
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955470H1

<400> 20401

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 aggggtgaagc cccacgggtg cttactccga ccagtttgc gacattgtgg cctcttgctt 120
 cgcttaatgg gtcgaatgct aacttggttg gggttgagaa actcttacat tctgtgttg 180
 gggctaaggc tgagaagaaa gggtccctta gggtgttgaa ggctgatgtt tctgctcaga 240
 cttacgtgaa gatgggtttt 260

<210> 20402
 <211> 279
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955471H1

<400> 20402

gtccatctga taaccctttc ctgattctct ttcgtggttg ttgctattct gagtgatggg 60
 tatgccctgc cgctgttccc acacctccca catcactgaa atcatcatca ccagctgtct 120
 tccgccacaa gtactagatc aacaattatc cgatcaattc attaccacaa accaccttca 180
 agagaccttt gtccaaatga gccacttaa agatcgaaac ttgagtcgga cgtaaaccatg 240
 cgcgaggtag gtggaagtag ccttattcca acatcacta 279

<210> 20403
 <211> 260
 <212> DNA

<213> Glycine max.
 <223> unsure at all n locations
 <223> Clone ID: 700955472H1

<400> 20403

gcgcctcatg atgtatcagc agggctgctt cgccggcggc accgtactcc gcctcgcgaa 60
 ggancctgcc gagaacaaca aggggtgcgag ggtgctcggt gtctgctccg agataaccgc 120
 cgtgacgttc cgcgccccctc ggacacgcac ctcgactcgc tcgtgggaca ggcaactgttc 180
 ggagatggcg ccgcagcggt gatcatcgga tcagaccccg acccagcagt ggagcggccg 240
 atattcgaga tgatatcggc 260

<210> 20404
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955473H1
 <400> 20404

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 tacactcgcg cgaagaccga ggaattcgac ctcgatcag gagaaaccct ctaccaggg 120
 ctgagcgctc gcggaaccag ctccgatggg gtttcatccg caaggtctac ggcatcctct 180
 ccgcgcagat cgtcctcacc accctcgtct ccgtcaccac cgttttctat actccaatca 240
 atgacctcct caagggaat t 261

<210> 20405
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955475H1
 <400> 20405

cacctctaaa gaaggatata gttttgaaga gatatgcac aagaaagaag cgtttgaggg 60
 agaagagaag ttttgtcaa aatccttggg aacagtaatt ggttttgcca tttcaaagct 120
 gggaaagaac attcaagtac tttcaagttc ctttgtcaat aagcaagagc aatacactgt 180
 ggaaggagtg cagaatcttg gagacaaagc agtgatgtgt catgggctaa atttcagaac 240

attgccagaa acaagtgaga tcatggaggc tcctacgttc cctggtggaa cttctaattcc 120
 ccacttgcaa ctgaccttcg tagaagaaga agaaaaccaa tcaccacaaa agtgtctcca 180
 aaatcatcca caacaacaac aatcatgat gacaacttca accacaatca ctggcaccat 240
 ctttggatac cgcaaaggaa aggt 264

<210> 20409
 <211> 279
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700955481H1

<400> 20409
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 cgcatctcca aggggaagaa ggggtggcaag aagaaggcag ctgatccctt tgccaagaag 120
 gattggtatg acattaaggc tccttctgtt tattcaagtt gaaaaatgct tggcaaatac 180
 ccacgtacac tgcgtactca ggggtaccaa gattgacttc gtgaaggagc tcatagcata 240
 gagtgtnttg aggggtctcct tgagctgac ttcaagggg 279

<210> 20410
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955482H1

<400> 20410
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 gctgcgacga cgtcgttctt tgcaacttcc agttcttggt cttgatgaat atgacaccag 120
 tttgcccttt gtcaaagctg ctgcgccga tgataacaat gcctctaaga aatctggcga 180
 aaactctatg aaacatcagg ctgagtctga gagtaagggtg aagaaagagg ttaatgactc 240
 agctagtacc tcacca 256

<210> 20411
 <211> 260
 <212> DNA

<213> Glycine max
 <223> Clone ID: 700955483H1
 <400> 20411
 gaggaacttt gcaacaagca tggagacagc ctcagactat ggagcattca cagagaaatt 60
 cactttacca ccaaattctg caccagctct tctctcaaa tcactcacct ttgcagtga 120
 agagatgtat gtcttcactt ttctttttgt accacaatat tctgattgtc aaaaactctc 180
 ctttgctgac atcaaagtcg tcaactagtc tttgaatcca tgcttctgca tcttgaactt 240
 gttttggaag tgtttgtgtc 260

<210> 20412
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955484H1
 <400> 20412
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 ttctctttca gtttgaggtg caaatccaac ttggatcatca ctggttccga gtgatcttgc 120
 ttcagatcag gtttttgctg agaacaactc agattttcag tacactgcta ctgccaagca 180
 gaagttaaat tagtgtggat aatgattgcc acgcttgaag actagaagca ataattcagc 240
 agtgtttgtg tcaagatcct 260

<210> 20413
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955485H1
 <400> 20413
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 tcttcttctt ctctctctat tgaactttgg tcatcacacg agaaaacca cgtctggatc 120
 ttctggtgta aggccattag aagcctttta gaaattttca aattgagttg gtgtatagt 180
 ttgaaggggg tgaaatttgg agcccagttt gttacttcat ttgaacggtc atagtttgaa 240

ccctcttttt ctggagatt

259

<210> 20414
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700955486H1

<400> 20414

caacaacaaa agcttatact acaaaggagt aaacggttgt ttctttgtga ccaagcttca 60
ctccatcaac atcaagtgat ggccctcaac acctcttgct ccaaggccat tgttgacatg 120
ctaggaactc atgttcctaa atgtgctatt gatgtttcca acacaccag attttccttg 180
tcccagaatg acaaaaaggg ctgcaacttg ggattcccca aacttggttca aaacaagggc 240
cttttccac ttcattgctgt g 261

<210> 20415
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700955488H1

<400> 20415

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atccttcatg ttcaagctgg tcaatgtggc aaccaaattg gaggcaagtt ttgggaggtg 120
atgtgtgatg aaatgggatt gatgccactg gaaattacgt aggcaattcc catcttcaac 180
ttgagagggg taacgtgtac tacaatgaag caagtggagg acgctatggt cctcgagctg 240
tgcttatgga ccttgaacca 260

<210> 20416
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700955458H1

<400> 20416

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cgccgcccgc gccatctccg cagttctccc cctcaccatc ccccaaactc cgcccgctgg 120
 cctctccgctc gccgctgct cctcctctc ggtgccaccg gcctcatgtc cgtcctctac 180
 cgctacctcc cctccccgt cgtccgcggc gtccaactct cccaaggcct ctccttcgcc 240
 ttctccgccc tcaaatacat t 261

<210> 20417
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955429H1

<400> 20417
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 acttgcttac tcgttagagt aggggctcgc agagagcaga gcgtaccgcc ctgccatagt 120
 cgcgagtctg tttaagtgc gactgttgct atagtcaaca aggttgaaac ttccaggaaa 180
 aaacttcgaa ttgggagggc gatcctcccg gtgaactgac cgtaccccaa accgacacag 240
 gtgaacaagt agagtatact a 261

<210> 20418
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955430H1

<400> 20418
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 tttcctaaac acacaacact ctcttatttt cccctctgct tgtagaaagc agaagggcga 120
 aatatttcgt taattagtta attatttccc tttcgttctc caaagtccat aacctctctc 180
 tccacataac acgatggctg aaaattctat gatcattagc attgacccaa aagcaatggg 240
 taccctcat gaagaaccta att 263

<210> 20419
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955432H1

<400> 20419

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gctcatcaca atgcccttca tctttggtaa tgaggtttgt gagaagctgg ctgtggtagg 120
tttcaacaca aacatgtag ctacttgaca acacagcttc acatgccatt gaccaaagca 180
gctaacaccc tcactaactt tgggtggaact gcaagcttga caccattgct tgggtgctttc 240
attgctgatt cttatgccgg aaagtt 266

<210> 20420

<211> 269

<212> DNA

<213> Glycine max

<223> Clone ID: 700955433H1

<400> 20420

gtttgatcta aaaccataaa cctctgtctc gttagatctc cttcttccgt tctctaaacc 60
tctcctccga tccgatctga tccaaaatgg cgacgatgac gagcttgatt ggtctcatca 120
ataagatcca acgagcctgc accgttttgg gagatcacgg tggcgagggc ttgtcgctct 180
gggaggctct tccctctgtc gccgtcgtcg gtggacagag ttcagggaaa tcgtcggtgc 240
tagaaagtgt tgtcgggaga gattttctc 269

<210> 20421

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700955434H1

<400> 20421

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tctgagaaag atatcaggga agagtctgtg tgcaaaacga aacgagggca agaggtgtat 120
gtgagcaggt ctcacagcgg catgtgataa aggtcgggac catgatacgg tttttagtca 180
agagttttga tgaagaaata cttcatgttt atggatctct ggttcctgat cacacaggca 240
gcattttattg gttggataag aatt 264

<210> 20422
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955435H1

<400> 20422

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 tcttgggtctt gcgagagaaa gccatgccag agacgaagat ttttggcatg ctgtttggcc 120
 aaacactccc attccagttc attgcgagat cttctaaagc ctggccctgc aagtgttgaa 180
 atcgatgatc accctatgca aattgaagaa acacagtacc cgaaaacctt cttctataaa 240
 gaagaccttc atccaggcaa aaca 264

<210> 20423
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955436H1

<400> 20423

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 tggtcctttt ctgggaacaa agcatgctgc aagggtcatg attcctgcta aaaagggatg 120
 cataatcaac acagtagtgt tgctggatgc ataggtggag gtgctacaca tgcctacaca 180
 agttcaaagc acgcactaat tggactgaca aaaaacactg cggtggagct tggacaacat 240
 ggtattaggg taaattgttt gt 262

<210> 20424
 <211> 145
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955437H1

<400> 20424

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 gcaaaggcag catcctcagt ctcacaaatt gatgaactgg acacggctac ctcagactgg 120

gtaaattacg tctaaccatg ccgat

145

<210> 20425
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700955438H1

<400> 20425

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gctctctctc tctctctctc tctgtgaaag gactaagatg gggttcagttt ctctgaaaat 120
aggagatgga acagcagatt ccaaagagca aactgtgtt cttcagctgt taacattctc 180
atgatattct ctgtcatcac caccaacctc tttgctctct atgccttcac cgcttcccca 240
aatcaacccc aacactctct cc 262

<210> 20426
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700955440H1

<400> 20426

gcacgaagca cactatgggt tggaaaggag gtctcaaaaa cgtgggcaca atgtttactt 60
tcatgggtggc cttggttggt gttcaacatg tgaagtgtgg ggactcagct cgcattgttac 120
ttcagcacgg tggctcggtc aacgaagtgg caccaacttc gttctgagta acaggcattt 180
ctacttcaac ggattcaacg cgtactgggt aatgtacatg gcatctgacc cagccacaag 240
gccaagggtc actgccgttt 260

<210> 20427
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700955443H1

<400> 20427

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gtgagatcct tcacatccag ggtggccaat gcggaacca gatcggcgcc aagttctggg 120
 aggtgggttg cgcgagcacg ggatcgaccc taccggaagg tacgggtggg actcggagtt 180
 gcagctcgag acgatccatg tctactacaa agaggccagt tgcggacggt tcatgcgcac 240
 gcagtactc 249

<210> 20428
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955445H1

<400> 20428
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 tcccaatagc tttctgtagg agtaaacaac tataaccctt gatttaattt ctggatatgc 120
 ttggcttctt ctgagatgca tttcggggaa tatacaaaaa tagaccaag gatggggaat 180
 atactttgcc attgatccat gtttatggat tctccaaagc acgagatcca gaatttgatt 240
 ttcacgagag aataagaatt g 261

<210> 20429
 <211> 264
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955446H1

<400> 20429
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 ctctctcacg tacctttctc ctatctttca ctccacttct taacaccaca aaacagaaca 120
 acggccgagc aaaaacaaga aaaatggtgt tgttgtccaa agcaacaaca gaacaatact 180
 cctacattaa gaactgcatg ccaaccaaT tttctcaac aattcccata gtgaacctct 240
 ccaaacctga tgcaaagacc ctta 264

<210> 20430
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955447H1

<400> 20430

ccttggttctt ctttctctat tgtctatagt catctccatt gttctcttca ttaccacac 60
 acacaaaaga aacaacactc caagaggacc accaggctct ccacctcttc ctctcatcgg 120
 caaccttcac caaccacaa ctcatccca catctctgcc tatggcaact cgccaaactc 180
 cacggctctc tcatgtcgtt tcgctcggc gcggtgcaaa ccgtcgtggt ttcacggcc 240
 agaatcgccg aacaaatctt gaa 263

<210> 20431

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700955448H1

<400> 20431

gtgcctgttg ctgtgaactg caagcagaac atgttctttg gaaccaccgt tcgtggcgctc 60
 aagttctggg acccttactt cttcttcatg aaccttaggc ctgtgtacga gggtaccttc 120
 cttgatcctt tgccgaggag atgtcgggta aggctggggg gaagtcgtcc attgaggtgg 180
 ccaaccacgt gcagaagggtg ctgggggatg tgtaggggtt tgagtgcacc ggggttgacta 240
 ggaaggataa gtatatgttg ttgg 264

<210> 20432

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700955449H1

<400> 20432

ctctctctca caataaccac taattctccc aactcaattt ttctctcaac cggcccaatt 60
 tagcataagc ccagcatggc caccgcaaca gcagcagcca cctcgtcctt catggggacg 120
 cgctcctgag aggcccatcc ggggcggggc ggggtgcaggc ccggttcggg tttggcaaga 180
 cgaaagccgc cgccccgaag acagtttcca gggggtcggg ctctagctcc gataggcccc 240
 tgtggtatcc gggcgccaag gcgc 264

<210> 20433
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955450H1

<400> 20433

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 tgatcaccgg cgctgccag atggacggcg ccatcctcgt cgtctccggc gccgacggcc 120
 caatgcccc aaccaagaac acattctttt ggccaaacaa gtcggcgttc ccaacattgt 180
 cgtcttcctc aacaaacagg accaggttga tgacgcggag cttcttcagt tagtagaatt 240
 ggagggtccgg gagcttcttt cca 263

<210> 20434
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955451H1

<400> 20434

gagatataga ggagactgct acaagacact cagaacttca attggtgcac gagtctctga 60
 cgagagattc agaacagaaa ctccaagaag ctatagaaaa attcaacaac aaggattctg 120
 aggttcagtc cctgttgaga aaattaagat tttggaggaa cagatagcaa aggctgggga 180
 acagtctaca tccttgaaga atgaatttga agagagtttg agcaaactga cttcattgga 240
 aagtgaaaat gaagatttga a 261

<210> 20435
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955452H1

<400> 20435

atcttcgtga aaaccctaac cggcaaaacg attacgctag aggtagagtc ctctgacaca 60
 atcgataacg tgaaagcgaa gatccaggat aaggaaggta ttccaccgga tcagcaacgt 120

cttatcttcg ccggaagca gtttaggaaga cggcagaacc ctgcccgatt acaatattca 180
aaaggaatcg acgcttcacg tgggtgcttcg tctccgcgga gggatgcaga tcttcgtgaa 240
gacgctcacc ggaaaaacga tta 263

<210> 20436
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700955453H1

<400> 20436

gagaaaggag aggggtccagt ggtgttggtc ctccacggct tccctgagct ctgggtactca 60
tggcgccatc agattctctc tctcagctcc ctccggtacc gcgcgcgtcg tcccgatctc 120
cgtgggtacg gtgacaccaa agcaccacct tcaatcagca gctacaactg cttccacata 180
gtgggtgatc tcgttgcgct tattgactct ctgggtgtcc aacaagtgtt ccttgtggct 240
catgactggg gagccatcat a 261

<210> 20437
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700955454H1

<400> 20437

attgaaaatg tcaactacat tggtactaag actactaaaa gctataaaag actaaagaaa 60
ataagataaa attctgattt cattcattgg tccatcaaga ggggtgcaaag cttacattaa 120
ataataaccc taagaatgat aaccctccac ttgtcatcat ctagtatttt aggaaattaa 180
aataaaaact actattaaaa ggataatacc taagtcacat aatattttaaa ctacctattt 240
gggcctctct aagcccatcc t 261

<210> 20438
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700955455H1

<400> 20438
tcttgatatc agaaaaagaa aaaagaaaaa aatgtctcta gtgactgcag agatcaaagc 60
caaagcagag gtgtatcatg gagatgaact ctgccaaagag aagtcaaagt tgctgctaaa 120
ggaggtaggg ctactaatgg gcttttgcca ttgaaggaca ttgaggaatg tgggtatgag 180
agggatagtg ggtttgtgtg gctgaagcag aagaagagca caaaccacaa gtttgagaag 240
attgggaagc tggtttccta t 261

<210> 20439
<211> 145
<212> DNA
<213> Glycine max

<223> Clone ID: 700955456H1

<400> 20439
gcaaaccaga atgggaactg ccctaccctc tttactttaa ttcagtcaca acaagggcag 60
aaaaaaaaag aaggcaaaaa aagaatgagc aagtcttctg gtgctgtttt tctcgcgcgc 120
gctaagcgtg cgatgttttg tttcc 145

<210> 20440
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700955457H1

<400> 20440
tctatttctc agtctctgtg tttgcggctg aggattccga acgagtgacc ttcttcgttt 60
ctcgcaaagt ttaagtaatc atgggtaagg aaaagggttca catcaacatt gtcgtcattg 120
gacatgtcga ctcggaagt caactaccac tggtcacttg atctacaagc ttggaggtat 180
tgacaagcgt gtgattgaga ggttcgagaa ggaggctgcc gagatgaaca agaggtcatt 240
caagtatgcc tgggtgctcg 260

<210> 20441
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700955428H1

<400> 20441

gcgcaagtga ggaacaagca agtgcttcta aaggactatg ttaccggttt tcccaaagaa 60
tccgacatga atattgtcga aagtaccata acattgaagc ttccacaagg ttccaatgat 120
gtcttgctca aaaattgtac ttgtcttggtg atccgtatat gaggaatctc atgaacaagc 180
ccgaaggccc tcccaatagt cgtgcttaca ctccgtgctc tccattaata ggatatgggtg 240
tgtctaaagt cctggcatct ggg 263

<210> 20442

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700955390H1

<400> 20442

ccttactgac ggagaaagag aatgacagag gtactcctgc tctatctgag gtttgggaaa 60
tcaattcagc attagagccc ttgtggcatg agcttagctg ttgcataagc aagatagaat 120
cctactcaga gtctgcatct gagatttcga catcttctag tacctttgtg tctaaaccat 180
ctgggtgtaat gcctccactt cctgctggct ctcaaaatat cttaccatac attgaatctt 240
tctttgtggt ttgtgag 257

<210> 20443

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700955391H1

<400> 20443

ctgtaattgc atagggaaac aacatctcta tagctatatg cagctaggag actcaagtgt 60
gttgagatc tcctcccata ccgagcccga gatggcggtg gtgtcgccac cagaagaagc 120
accacatgaa ggcggccaca acagtgggtg tggtgggtgt agtgatgaga tgattgggat 180
ggatttggat gcaaattcag gtgaaggaaa tgaaggtaac aagatgagct ttggagggaa 240
ccggtggccc cgtcaagaaa 260

<210> 20444
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955392H1

<400> 20444

gaaattccaa aaccatgtcg tcccacagtc atctaagttt cgcctttggg gttctaggta 60
 acatcgccctc cttcgtgtgc tttctggcac cactaccgac attttataga gtttgtaaga 120
 agaaatcaac cgaagggttc caatcaattc catatgtggc tgcactcttc agtgcaatgc 180
 tttggatctt ttatgcctat gtgaagaccg gagaaatgct tcttatcacc atcaatgcat 240
 tcggttgctg gattgagacc attta 265

<210> 20445
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955393H1

<400> 20445

cctcgagccg aatcggctcg aggaagtgag ggcaagaact ttgcagacta ccagcatgag 60
 caagaagctc ctccagctct tcagcctact cccattcttc ctctacttct acacaataga 120
 agcagacgtt ggcccatgac aactgacaca cccactggac cccttaactc agcaagaaat 180
 caccctcgctc aaaaccatag tcctacaaaa gtaccccaag ccagccaacc gcgtcttctt 240
 ccactacgctc ggctcgcagc atcctgacaa 270

<210> 20446
 <211> 268
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700955394H1

<400> 20446

gagacaggag aacggaattg aaagcanaca tagcgaactg tcctgtgtac atgcagctat 60
 ttctttcaat gctgcatgta cccgtgacag aaatagctga tttggtgcat cttgcagcct 120

tgcgactatc tccaatagtt atccagaaaa tgccgagtgt cttcagtaag gacactgaga 180
 ttgtcacgta tgtcgagaat atgttgaggc tggagagtgg tgcaattgga gaaactgttg 240
 gttctaccat gctgcctgct cttgtggg 268

<210> 20447
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955395H1
 <400> 20447

ctagcatcaa gatatcaaaa attcctatta tctgcatttg caatgaccgt tacagccaga 60
 aactgaaaag ccttgtgaac tactgtttgc ttctaagttt tcggaagcct acaaagcaac 120
 agatggcaaa gaggttgatg gatgtttcaa aggctgaaag acttcaagtt aacgagattg 180
 cacttgagga actagcagaa agagttaatg gagatatgcg aatggcacta aaccagttac 240
 agtatatgag 250

<210> 20448
 <211> 272
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955396H1
 <400> 20448

ggcttccctc cctcctttga agaaacaaat tagaagagtg tgttgtgttg tgttgaagta 60
 gcaagctagc aaagatgttt ggcattcttag gaggcaataa ggggcacaag atcaagggta 120
 ctgtggtggt gatgagcaag aatgtgttgg acttcaacga aatagtgtcc actactcagg 180
 gtggtttggt tgggtgctgcc accggcatct tcggtgctgc caccggtatt gttggtggag 240
 ttgtcgatgg tgctactgcc atcttcagtc gc 272

<210> 20449
 <211> 290
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955402H1

<400> 20449
gactggcatt cggctcgagc tcgagatctc gacgatgcaa gcaacccctt tagtgctctt 60
cctcctcttc accatagcca aagggttca caaccccaa tgtgatgcta cccatcaaca 120
tgaccatgat ggctcaaccc tccaagtgtt ccatgtgtta gcccatgttc cccatttagg 180
ccctcaaagc caatgtcatg ggaagagagt gtcctaaagc tacaagccaa ggaccaagcc 240
aggatgcagt acctttctag cttggtggct aggaggtcca ttgtcccaat 290

<210> 20450
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700955403H1

<400> 20450
atcaccagaa agtcatgtat atggccatt gcctgattgg atcgacacgt caggcgcata 60
tttaatttca ccagaaatgg gttcacactt tgtaatgtac ctagctaagt tgaaagaaaa 120
atcaaaatca ggactaccct gcctgggtgtg gagagattta tctttgtgct ccaaggtgct 180
gtcaccctca ctaatgtgc tgggtgttagc caactactga aggttgattc ttatgcttat 240
tttcctccaa attttgaaca ttcaat 266

<210> 20451
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700955404H1

<400> 20451
aatattaag atgctaaaca ttggaacact tgttgacttc tttgaatttc tcatacaca 60
ttataacctat gacacaagac acaacaaccc ttgtacctgc aatcataact tttagtaact 120
caaccgtaga tgtagaaata atagactatc ttcccaccct tttcaaaact gattaaccta 180
cttatgaaaa ggacttttagc taacaccaac ctactgagaa gttttgcaat ggaaaattaa 240
ctactgatt 249

<210> 20452
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955406H1

<400> 20452

agcattataa agaatgcctg tccatggcag ttgataatct tcctgttctt gatgggaaga 60
 ctccagtcca agtgtaccag agttttctgtg agagcttcaa gtcttcattc tctccattca 120
 tgggctctac aatcagagca tttccatggg tttaggacca gatggtgagc tacgttatcc 180
 atctcaccac tggctgccga gtaatggtaa aactcaaggt gctggggaat tccagtgtta 240
 tgaccaaaac atgctcagct ttc 263

<210> 20453
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955408H1

<400> 20453

atctcttacc tcttggcatg gccattcaaa tgtcttcttt tgtctttggt tctcttataa 60
 ttttattttg cttctcttcc ttggagaaga gttttgcctt tcaaacaaca aaggaggaca 120
 cagaaagcaa caatctcatc aatatactca tcttggtcac ctcagctcac tcttctcttc 180
 atcttctctg agctcttctg ccaaagggtc taaaagaaaa gcatcattag aagtgttaca 240
 caaacatggg ccatgctccc aac 263

<210> 20454
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955410H1

<400> 20454

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 acaatatttt tctctttatt tctacttgac tttggttttg cacaacaggg ggatcttgac 120
 atatcaagat ttggagaaaa ccaaatacaa atataggcca ggctttctta agtgcctgga 180

ctcaagcatg tgcacaccca actgctgtca aaattgtgat tccagctggc acataccaaa 240
 tgggtgcagt tgatgtcaaa ggt 263

<210> 20455
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955411H1

<400> 20455

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 gagttacaga ctcaccgatc ttccgattct ctttcgtctt ggtttatgag ctcgaaggag 120
 agaccactc ttggtgcacg cggattaaga cccgcaaacg aaatattgct gcgccgctgg 180
 accctgcagc attctcggat gcagtgggtc agatttattt ggataatgct ggtgatctgg 240
 aacttattgc taagagtatt g 261

<210> 20456
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955413H1

<400> 20456

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 attccccagc catggccgaa aaggtcacca taatgaggct caagggtgat cttcagtgcc 120
 acaaattgcta caagagggtca agaagattct ctgcaaattc cctcaaattc gagaccaggt 180
 gtacgacgag aagaataaca tcgtgaccat cgcggtggtt tgctgtaacc ctgagaagct 240
 cagggacaaa atttgctgca aag 263

<210> 20457
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955414H1

<400> 20457

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 ttgagttttc gtgtagaaaa aggaagagaa gaaaatggaa tcggaggatt tggtaaaca 120
 ggaattggag gaattgcaga aacaattggg gaagaagcaa aagtttgaag cttctgtttc 180
 gtctcttaaa acccttctcc aacgcactta cccatcagct tccccggcgc ttcgtaaadc 240
 cttttaatca gttctatgcc gagtt 265

<210> 20458
 <211> 279
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955415H1
 <400> 20458

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 ttcctttgtt tttgtgtgcc ttcttcaaata accgtaaaac cttcaagaat ccaccacttc 120
 caccaggtcc tagaggcctt cccataatac ggaatcttca tcaactagat agtccttctc 180
 ttcattgagca gctatggcat ctctcaaaga aatatggctc tttattttcc cttcaatttg 240
 gattaaggcc agccatagtt gtttcctctc caaaattgg 279

<210> 20459
 <211> 246
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955419H1
 <400> 20459

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 aagatttttt ttgttatttt gtgtgcaaata taatgtgtct atgtagaata aataaattag 120
 ctttgttttc agcacattgt tgtgattctt cttccaagct aggggtggaat catatcatat 180
 cttgtacaaa ttaaacaatga gaaaactgta cagctaatac atgtgaaatt tttatattgt 240
 tttttg 246

<210> 20460
 <211> 263

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700955422H1
 <400> 20460
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 tctgtctctt ttctaccttt caagttttta aagtataaag atggcagaga cattcctatt 120
 tacctcagag tcggtaacga gggacacctt gacaagctct gcgaccaa atctccgatgct 180
 gtccctgacg cttgctcga gcaggaccca gacagcaaag ttgctgcga aacatgcacc 240
 aaaaccaact tggatcatggt ctt 263

<210> 20461
 <211> 244
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955423H1
 <400> 20461
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 taagacagat ctccaacata taacacaccc tctctccac tctccaaata atgctcaagg 120
 gtcgaaagag aattattgga gagtggagga gaggctgtgt tatatgttgg agatctttct 180
 tattctgatg aacatgacta caaagatgct ggggtttacg tgggatacat gggggccgatt 240
 tgct 244

<210> 20462
 <211> 263
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955424H1
 <400> 20462
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 tctttgcca aattgtccta caatataaag caaattcatg cccaattaat cactaatggc 120
 ctgaaatctc ccacctctgg gccaaagtaa ttgagcatta ttgtggctca ccagatcaac 180
 acattgccag taatgcacat ttggtgttcc agtactttga caagccagat ttgtttctct 240

tcaatacttt gataagatgt gtg

263

<210> 20463

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700955425H1

<400> 20463

ggacacttta ccgtgatatt tccaagtaca atcaattaga gactcaggag gcagctcagg 60

aagagtcagg gtggaaactt gtccatggag atgttttcag gcctccttca aactcggatt 120

tactctgtgt atatgtggaa ctgggtgttca gttttttggg atgattcttg tcaccatgat 180

ttttgctgca cttggattcc tctccccctc aaatagaggg gggttgatga ctgccatgct 240

cttgctctgg gtccttatgg ga 262

<210> 20464

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700955427H1

<400> 20464

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gcatgggctt ccgcagtcac aaatctttgt taacaattct tttcggtttt cttggattgt 120

tctcctttac agttgagcag ccacaaaaaa ataccaattt gatattcaag taaagaatgt 180

gagtagatta tgtcatgcaa aaccattgt aacagtaa at gggaggtttc cagggccaac 240

aatttatgtt agagaaggag a 261

<210> 20465

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700955389H1

<400> 20465

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002260-ETFE560

attgaggagg acatccgttc ttacagctc gattcagcag aagacaataa tggggtggtta 120
aatgcagagg atggaaggcc agaagaagtt gagaaatctg ataagatgga tgaagatcca 180
aagcaggatg ttgaggctga gccaaaggct gttgaggctg agccaaaagt gaaggataag 240
gaggttcctt ctgttcaaga tga 263

<210> 20466
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700955361H1

<400> 20466

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gcaatggaag gtatctcagt gggtttgaag aagtactgga gaagaagcat taggggatac 120
caaagattac acgtctcgga tcggcgaaag aaggaaacgg ttcagcttgg aggcagccag 180
agaaggagga gatggcgcat aaagttagct cgtaagatca gaattcccaa aatctcttct 240
ccagagaatt ggtgctgtgg gtcagag 267

<210> 20467
<211> 272
<212> DNA
<213> Glycine max

<223> Clone ID: 700955362H1

<400> 20467

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cctgctcctt ctgcttattt gcgtcttttg ctttggacg cgatttctcc attgtgggct 120
attcatcgga ggacttaaag tccatggata agctcattga actctttgaa tcatggatgt 180
caaaacatgg caagatttac caagcattg aggagaagct tcttaggttc gagattttca 240
aggataacct aaagcacatt gatgagagaa ac 272

<210> 20468
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700955363H1

<400> 20468

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atcgccggcg ggattcgctt ccttgctgtt gggaatatcg ctggcggtga tgctttgtgg 120
atcggtgacg ttcttcatcg ggttcgtgtt gatgccgtgg gttctgggat tggtcattgct 180
cttctacgtc gccggaatcc tctccagcct ctccgtcttc ggccgctcca ttctctgcta 240
cgccaccgct ccaccctcgc cacgt 265

<210> 20469

<211> 275

<212> DNA

<213> Glycine max

<223> Clone ID: 700955364H1

<400> 20469

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aaagaagaag aaaaatctgc acaattgttg taattgaacg atgtctgctg cgggtgtgcgg 120
aagcaagaga tctttgttcg aagagcttcc cccttccccg ccagtatcca agaggctccg 180
ctgttcctcc tcccctattc gcctctctct cccttctctc atcgaccact tcgcctctct 240
tccctcatat ggatgacagg tctcgagaga gcgct 275

<210> 20470

<211> 269

<212> DNA

<213> Glycine max

<223> Clone ID: 700955365H1

<400> 20470

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ccgccgtcgc cgctcattgc cagtgtcca tttctgatac aggaagaatg aggcctacaa 120
tgatgcttag ggctctaacc aagcagtttc ttggaattgt aggcgatgca gcaaactg 180
ttgctaagaa gccccctg cctcctctc tgggtgtcacg caaacctgct ttcattgatg 240
cattcttgta caagatgaag aagaacca 269

<210> 20471
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955366H1

<400> 20471

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 tcagcctact tctgttcaat cttctgtatc atatgctcct ttccaaacta ctgaagatga 120
 taacaagaag gcagcagcag ctgccgttgc tgctaagctt gctgcctctg catcctctgc 180
 ccagatgctt acatccgttc tttcttctct tgttgcggaa gaagctgcct ccttgaatgg 240
 tagcttaaata tctacaggat tttcatcagt 270

<210> 20472
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955367H1

<400> 20472

aaccaagctt ctctgttaaa aaaaaattag gcgtctaaag ggccaaagct tagaaagttg 60
 aagctttttt tggtgaggtg aaagtgaat ggttggaag gataatctga gggctgagga 120
 cttgaacttg tgctttaaga agcttatgat ggtggccggg agtggaaca gtgagaaagg 180
 ggtgaacttg aaggttgggg tgatcaccga gtggaaggat attcctgtgg agcttctgat 240
 gcaaactctg ccctgtggat gatc 264

<210> 20473
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955369H1

<400> 20473

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 gacgagtgtt ccagcaggag aacggaagaa gaaaccggtg cgggtggagat aacgaatggc 120

002230 E F F 550

ttgaaggatg taacgacagc gcgtggcgtc gtccgaggag gttcttgaac ggaggctggg 180
gggtgttgagg ggacaggatt cagatctgaa tgctgagcag tctcaaactc gtcgatctcc 240
agcctctccg ccaatgaggt t 261

<210> 20474
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700955370H1

<400> 20474

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acaaaaaggg atttttagcac cgccatatta gagcgtaaga aggctccgaa tcggctcgtg 120
gttgatgaag ctgtcaacga cgacaactct gttgtcgcg ctcacctctga taccatggag 180
aaacttcagc tttttcgtgg tgacaccatc ttgatcaagg ggaaaaaaag aaaggatata 240
atatgtatcg cacttgctga tgagacat 268

<210> 20475
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700955371H1

<400> 20475

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tgacctcctt catcttgact ccgttagatc tgttattaac ggctgtcatg gtgtctttca 120
cactgcttct cccgtcaccg ataaccgccg agaaatgggtg gagcctgcgg tgaatggagc 180
taagaatgtg atcatagcag ctgcagaggc taaagttaga cgcgtggtgt tcacctcatc 240
cattggtgcc gtttacatgg acccca 266

<210> 20476
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700955372H1

<400> 20476

cctttgcctc cttttcatgg tggccccaa tctcagccat atgccattcc atctcgcggg 60
gcagttcatg gaccggttg ggcagttcct catgttccat ctccagggag tccaggtttt 120
ggggctggga gatgtaattc tgggtgtcca atctgcaatc atctagcaca tcaacatggc 180
accaacagc ctattgggag tattggatct acatttgact tccccgctgt agagattccc 240
aacatacagc catctgttgg t 261

<210> 20477

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700955373H1

<400> 20477

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ccctctccga aacaacaaaa ccttgctgcc gtcaccgtcg ctagaaccac cactaccag 120
agaaccacca ccaccagcag ctatgtcttt gaataagggt tgggggaaac tgtctgcca 180
agagaaatat gctctgattc ccgataactt caccacccta gaacagggtta caattgcctt 240
gagg 244

<210> 20478

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700955374H1

<400> 20478

caaaaatggc acctgcaaca ctgtctctgt ctctcctcct cctgttctca ctacgcatcg 60
ccgtaaccgt tagatcgagc gactacgact acgattgtgt gtacactgca tacgttagaa 120
ccggttcggt gttgaagggc ggaacggact ctaagatcgg gctgaagctg tacgacaagt 180
acggctacta catctacatt aaaaacctcg aagcatgggg cggcttgatg ggcaagggct 240
acgactactt cgagcgcggc aacctc 266

<210> 20479
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955375H1

<400> 20479

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 ggggtgtgagg tctgataccc ttcagaatgt aggcgcaatt cccccacat gcaagcgcac 180
 agagtgtccc agctatgatg tcattcacgt aggcaacggc tacgaaatcc gtcgctataa 240
 ttcacccggtt tggatttcaa acagcc 266

<210> 20480
 <211> 90
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955376H1

<400> 20480

agtggtttca gtgagtgatc ggtgttcaact tgatccttca taagtcgtca tcatcatcat 60
 catcatcacc gttgattgta gaggatgccg 90

<210> 20481
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955377H1

<400> 20481

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 tggtgccacc acattgtaac tcggacaccc aaaatcctat tctatttggg gtcaacatcg 120
 attcatctgg tcttctgctc cctacgactg tcccgcgta tactactgca tcagcggata 180
 gtgatgcac agcaatgcca ttaggagagt ctggattcca gtctccttta tacccttgtg 240
 gtcaagattc atcagagttg gtgcaaagtg 270

<210> 20482
<211> 272
<212> DNA
<213> Glycine max

<223> Clone ID: 700955379H1

<400> 20482

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ccattctgtg gtttctttct ttctttcttt ctgcatcaca tcacaatttg cattgcctcg 120
tgtccttttt cttctttgct ctccaaaaat ctcacacaca caggtatcta gcaaattgggt 180
tctcaccaac aagaaccatg gctattggag aatgggaaac caagggtttt gaccaaggag 240
accaggcatg gccgttctgc acacagaatg tc 272

<210> 20483
<211> 273
<212> DNA
<213> Glycine max

<223> Clone ID: 700955380H1

<400> 20483

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tcggtggggc agaaatttca atttgatgat attatagaag ctcaacagtt tgatagagat 120
attctcagtg ccatttttga agttgcacgg aatatggaga acgttgaaaa ggattctcct 180
ggtagccaga ttttaaaggg ttttcttatg gccaccctat tttatgagcc ttctactaga 240
actagacttt catttgagtc tgccatgaga aga 273

<210> 20484
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700955383H1

<400> 20484

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gagctggatg tcaatgggga ggaatgagcc tacatattcg gatcttcttt caggctttgg 120
gaccagtggg gaccttctc attcatccct gaaggatcaa atgagccctg cttattctgc 180

ggtttacaag cttggcaaag ctggagatga atctcactct gctcttactg agtttgatag 60
gaccgagaaa gacattaccc caataggtgg tttccctcac tatgggtgtg ttaaggatga 120
ttatatcatg gtcaagggat gctgcgttgg tcccaagaaa agggttatta cattgcgcca 180
atccctcctt aagcagactt ctcgtgttgc tctggaggag atcaagctca agtttatcga 240
cacctcttca aagtttgggc atgggt 265

<210> 20488
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700955387H1

<400> 20488

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tatcaggaca ctctttatgt ccacaccatg cgtcaattct atagagatcg cacgattatc 120
aggtaccatt gacttcgtgt ctggtaatgc acttgctatt ttccaaaatt gcactttcgt 180
gggccgctag ccattggcga accaacaatg cattgtgact gcacaaggta gaacagagat 240
acaacaacca tctgg 255

<210> 20489
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700955388H1

<400> 20489

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ggtaggcatt tgtgtgttga agctatctct cactatggtg actttgtggc aaaagttgct 120
gaactctatc cagagtataa tgtgcctaag atgcaacgag ataccagcc gggattattg 180
agaacaaagg atggagcaaa gaaactgatg gatttgggtt tgcaattcat tccaatggag 240
aagattatta aggatgctgt aga 263

<210> 20490
<211> 269

ctgattacaa catttctgga gttcacaaga caaggg

276

<210> 20493
<211> 134
<212> DNA
<213> Glycine max

<223> Clone ID: 700955334H1

<400> 20493

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actttttact tggactaaaa aattattctc tctatttaac accagtccat cacaaagagt 120

aaacatacat tttt 134

<210> 20494
<211> 272
<212> DNA
<213> Glycine max

<223> Clone ID: 700955335H1

<400> 20494

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tgtaatcttg gccattgctt ttgcaaattg ttggattaag gtgcctgttc gatgagacaa 120

cactttactt ctcatctca aacttcacca gagaaattct ttactttttc acatatgtta 180

tggctcgttt taatgaacaa agttcactta tgaatgtcgg attgaggaaa gcataaatga 240

ggtttcttgt ttcaagaata gcacgttggt ga 272

<210> 20495
<211> 271
<212> DNA
<213> Glycine max

<223> Clone ID: 700955337H1

<400> 20495

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tagggtttcc catggattcc gaggacgata tgcacgacgc caacgatgtg gagtccttg 120

acgacgattt ctacagtggc gagaccgagg acgctcccat ggattactac agtgactacg 180

acgacgaagc tgacgattac ttcgacgatg ctgacgattc tgaccgggtt gagtctcgcc 240
 gccctgagca aaactttaca atattgaggg a 271

<210> 20496
 <211> 269
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955338H1

<400> 20496

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 aatttagcgc agtgcgtggg gtttttgtct cgtggtgaga ggactagtgc ggttctgaag 120
 gagtttacgg ggtttgggag ggttggtgat gggaaatgttg gaggtggaat gaatgatatg 180
 ctgaggagga ggtgtatgga tgataaggca gctgtgagga aagctgcatt gcttttggtt 240
 actaacttga cttctctctt ggaggtgca 269

<210> 20497
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955339H1

<400> 20497

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 cagcgacaac agtgggtgatg gtggtggtgg tgagatgatt gggatggact tggatgcaaa 120
 ttcaggtgaa ggaaatgaag gtaataataa gatgagcttt ggagggaacg gtggccccgc 180
 caagaaactt tggctctctt gaagataagg tcggatatgg atacagtttt tcgagattca 240
 agtcttgaag gtccactttg ggaag 265

<210> 20498
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955340H1

<400> 20498

gaagttagtt acaaattatc caagaaatgc ggggtgtgaag aaaggcagca gcagagtggg 60
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 gtcttttctg ccatttttca tattggaatt gtactagtcc tcaactgggtg agagtgggaat 180
 ttgcatttag cagagcaata aaacagcaca atcttatttc catctttcct ctgtcgcatt 240
 gcatacctta catacccttc tactccatgg 270

<210> 20499
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955342H1

<400> 20499

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 ttcttcagtt gaagaaaaca gactgggagt ggactttgca gaaatctacc gaaaatcaag 180
 tttatatcaa tataacctag agttggttga aagggtgagc aagcctagtg gtaattcaaa 240
 agaattgcat tttccaacaa agtattgccg 270

<210> 20500
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955343H1

<400> 20500

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 cccttctccc aagcctccaa aaaagcctcc cgttgtgaaa ccaccgggtc acaaaccacc 180
 aaaaccatgt ccaccacca agtcatctcc aaaaccaccc catgtacacc ctccctatgt 240
 tccaaaacct cctcactagc ctaaaccacc ag 272

<210> 20501
 <211> 272

<212> DNA
 <213> Glycine max

<223> Clone ID: 700955344H1

<400> 20501

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 ctctctcat agcctctctc catcaaata tcaatcactt aacagctgcc tcccactgcc 120
 cgtacatctt gtttctctcc tttgtgggaa ttcactgtgt ctagatgcta ctaacacatt 180
 tttaaggagc atcattcatc attgtttttg tgttcaatgc ggataagtgc tttaactaac 240
 cagctgtgaa ggcttgtcgg ttgtgtagta gt 272

<210> 20502
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955345H1

<400> 20502

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 tcaggtctaa aaaatccttc ctcatatatc tgcattatct agtagtctat aaactttgga 180
 aggatcgtag agaattaact gcaataaata tgtgattcgt catcgagcca ttccatttat 240
 tg 242

<210> 20503
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955346H1

<400> 20503

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 gctgccatcc cagccatggt tgtaggggca gagacagagc aaccaggcat cacaaccgtt 120
 caaggggtga accttgaggt gccattatt gatttttagtg acccagatga agggaaagtg 180
 gtgcatgaga ttttggaggc aagtagggac tggggcatgt tccaaattgt gaaccatgac 240

atacctagtg atggtt

255

<210> 20504
<211> 275
<212> DNA
<213> Glycine max

<223> Clone ID: 700955347H1

<400> 20504

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tatcatcatt tcatttggtt cttctccctt tccatgaaca ctactttctc cctcttcttc 120
catatctttt gattaattct agctatcata gttttaaaaa attcaaccat gcgcctcttc 180
tctttccac actacaaatc cttttggaga tcttcaattg catttgcatt tttcttaaca 240
tttctcactc tccaaaccca atccactcca atccc 275

<210> 20505
<211> 275
<212> DNA
<213> Glycine max

<223> Clone ID: 700955348H1

<400> 20505

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aagagaccga tgtggatgct gatgctggtc acagctgtga actgggtggg gtggtttctt 180
acttcctttt cgacactgac tggatgggtc gtgaggtcta cggtggaact gctggggagg 240
acgcgtacgc gaagggagtg cgcgtgggat cgтта 275

<210> 20506
<211> 275
<212> DNA
<213> Glycine max

<223> Clone ID: 700955350H1

<400> 20506

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tagctttaag ctacgaaaga ttttccttga ccatggggca aaagcattta gtgacggtgt 120
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ttggtttgaa gaagagacct ctagatcttg atagtattaa tgctgctaga aaggcaagag 240
aaggtctaag atctgtaaga ccaatgatgg gtgca 275

<210> 20507
<211> 271
<212> DNA
<213> Glycine max

<223> Clone ID: 700955352H1

<400> 20507

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tcaccgtcag caagttttcc ccacgccaac aaaaccttat cttccaagga gatgctgcta 180
tctcaccctc cggggtgtta cgactcacca aggttgacag caacgacgtg ccaacgacgg 240
gatccctagg acgtgccctt tatgctgccc c 271

<210> 20508
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700955353H1

<400> 20508

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gtccgtgcaa gaaagatgaa gctcgagttc gcaaatgtgc tacttctgtg ccttgctcctt 120
agctcttctt tcttgaaat ctcaatggct gggtctcgta agccctctct cctccctcc 180
ctcgatgatc actgcatgca aatacagtta ctgcttgatt taatttggtg atatgctact 240
aatgaagtga t 251

<210> 20509
<211> 251
<212> DNA
<213> Glycine max

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 ccacccttgc caatgacttg cttcaaaaac gcagcagatt ctatgcaacc acggttggtg 180
 gaagaagtga caggtttagaa ggaaaagtgg cactcataac tggatcagca agtggactcg 240
 gcaaggccac ggcccatgag tttgtccag 269

<210> 20513
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955358H1

<400> 20513

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 ttcttcaacg ctgcaactat ccatggcaat ctgctggctc atatccgatg tgtatccact 180
 gttcgctgcg gttggtgccg ctggtgggat ctgtggattc caattgggtc gtaatatctg 240
 catcaaccct gaagtcaggg tgaac 265

<210> 20514
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955359H1

<400> 20514

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 atcacaagag ttccaagacg aggaagcttc tgttctgtct aagcaaaggt cacatatgtg 120
 ggcaagcatt tatgaaagcc ttaagcaagt ggtcccatgg agacgcaagc aacagacgca 180
 gaaaaaattt gcttccaaat ttgacactgt ttgagttttt actcttgtca aatggagtta 240
 tttaaa 246

<210> 20515
 <211> 273

<212> DNA
 <213> Glycine max

<223> Clone ID: 700955331H1

<400> 20515

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 tgttccaaac cgaccggtt ttcttcctct tcttcaaatt cccactttt caattggttc 120
 cagaaaacaa caggttttga cgtgttgat tgaacaatg gacacccgaa gtggtgaaga 180
 cactgttgat attgatcttg gaggtgttcc atccagtga gaagcgattg gggatatggg 240
 tgatgacatt gtcacagtgc tcaactgggct gga 273

<210> 20516
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955294H1

<400> 20516

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 ggagacgaga agaagggcaa gcctgctgct tccggcgtgt ggtccaccat caagcctttc 180
 gtcaatggtg gagcctccgg catgctcgcc acctgcgtca ttcaacccat cgatatgac 240
 aaggtga 247

<210> 20517
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955295H1

<400> 20517

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 ggaggagact atggccatgc ttactctaga gcaacttctt tggctcgtga agctattgcc 120
 aacattcgta ccgttgctgc ttttggcgca gaagatcgag tctcaacca gtttgcattc 180
 gaactgaaca aacccaacaa acaagcatt ctactggcc acatattcagg ttttggctat 240

ggcataacac agct

254

<210> 20518
<211> 277
<212> DNA
<213> Glycine max

<223> Clone ID: 700955301H1

<400> 20518

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ttgcctgata acttgcaatt gagagacata tctgctaccc caggacctaa caaatctcca 120
ccattaatca aagagattcc tatgaaaaat ttgattggag tgcaaggaga cgaagcattg 180
acaaaaatag gagttgaaag gcaacttgtg tcaatgggtc atcaagcttg tggggcccta 240
gagctttgga actatccatt gtggctcaga gatcttg 277

<210> 20519
<211> 76
<212> DNA
<213> Glycine max

<223> Clone ID: 700955304H1

<400> 20519

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agggtcttaa gacggc 76

<210> 20520
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700955308H1

<400> 20520

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ataggagagt ttttacaaat tagcttatgc aaaagctagt tttagctcat gagaaaactt 120
attttatctg tcattcttat tttcttctct taaataagtg ttcattggaga agtttatcca 180
gaaaagggtac tgctctgttt atttcttgag tttctgttaa agcaagcaaa tagttctaat 240

002220"CTT550

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tgcactgcat atgagattgt agtagt

266

<210> 20521
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700955310H1

<400> 20521

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aatggcttgt tcatcatccg attcaaaaaa accagtgcgc tcgctgttgt tctcttcctt 180
cctaattccg ataccttccg attctcttta cgccctacgc atactcgata cttgtccatc 240
tctct 245

<210> 20522
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700955311H1

<400> 20522

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tttctagcca aaatTTTTTt ggagaaaata ttgagggttc aaccaaagt taagaagctt 180
tttcttcttt taagagcttc ggatgccaaa tcagctaatt atcgattgca caatgagatc 240
atagcgaagg acttatttat tgtgc 265

<210> 20523
<211> 274
<212> DNA
<213> Glycine max

<223> Clone ID: 700955312H1

<400> 20523

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 cggagtactc tgaattttcc ggccagaaac cggcgaggtc gccggagaaa tcgagcttct 180
 ctcagacttg cagtctgttg agtcaatata tcaaggagaa gggtagcttc ggagatctta 240
 ccctcggaat gacatcatgt gggtcacctg agac 274

<210> 20524
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955313H1

<400> 20524

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 ccttaaagaa atagccgaga aaaatctgaa tgctgccgtt gttgattgct gcattggaat 180
 tccactttat ttactgatc ttcaaggagg ggccgtcttg gatgctgcta ctattgctgg 240
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<210> 20525
 <211> 278
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955314H1

<400> 20525

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 gtttttcctt gcaattgttc tagtttccaa taccctctc cttgatacaa cagctgctgg 180
 acgcagcatt ggcgaaaact ccaactcaga ggaaaagaaa gagcctgagt tcttgttcaa 240
 gcatgaagggt ggggtgtata ttccagggat tggacctg 278

<210> 20526
 <211> 279
 <212> DNA
 <213> Glycine max

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atgccgtttt	ttggagcaat	aagcgacaga	cacaactact	tctaccacca	aggacgcgac	180
aagttcttcg	cgacgaggat	tgaaaaaacac	aactccaccg	tgatccgaac	caacatgcct	240
ccggggccct	tcattctctc	ggacgctcgt	gtcgtcgcg			279

<400> 20527

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tctccgcttc cctccgatcc attcaactccc tccctcttaa aacctccttg cggatcaaat	180
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<400> 20528

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gaatccattg	atcattctca	ctcagaacaa	agattgcaat	catcattggt	gaatgttgat	180
aagcctgcag	atgatggcta	caactggagg	aagtatgggc	agaaacaggt	caagggtagt	240
gagtttcttc	gaagttatta	caagtgcacg	aatcc			275

<210> 20529
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955318H1

<400> 20529

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ttcccattct tgcaccgggg tcattggact aggattactg aaccagtggg aggtaggctc 180
tcttataaac caccaattta cgacataaat gctcctgact tgtacattcc attaatggca 240
tttggtacct atgttgttct tgctggcacc tcattgg 277

<210> 20530
<211> 273
<212> DNA
<213> Glycine max

<223> Clone ID: 700955319H1

<400> 20530

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tatattgtaa gcatttatgc aaatattttc tatttatgta aagggcaatt tggttcttga 120
ggctcccacc tatgtatcac atatgcagta acacagactt atcctggtaa gtgaagagcc 180
aatttttaag gattgaatgt gacctaggct acaagcaaag cagcaacctt actggtgatg 240
ggttgcactc acgtgtttct agttgtgtat cac 273

<210> 20531
<211> 272
<212> DNA
<213> Glycine max

<223> Clone ID: 700955320H1

<400> 20531

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gctctcttag atggggttgag tacaacggtg tttgtagtat acaggcaagg catagccact 180
 ttggcttttg cgcctatatt tttctctcct aagaggagac aatcagtga agattctttg 240
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<210> 20532
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955321H1

<400> 20532

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 attgcatgtg tacctgctga actgggggtt cctagtgttg gttgcaagag ggtgcttgct 180
 tcatataatg aagctatttt gtctaaagat tggcctctag cttggagttg tgctccatt 240
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<210> 20533
 <211> 273
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955322H1

<400> 20533

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 ggccttccca taatagggaa tcttcatcaa ctagatagtc cttctcttca tgagcagcta 180
 tggcatctct caaagaaata tggtccttta ttttcccttc aatttggatt aaggccagcc 240
 atagttgttt cctctccaaa attggccaga gag 273

<210> 20534
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955324H1

<400> 20534

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 tagtgacagt ggcagccact ggactattag ggacaggtgg tgggtcgtct gagaggtcaa 180
 ccatagcaga caacagcatc tggtcgggaa tctgaactag acttgatgac atcgcgga 240
 acatccccac cctaccgagt cttgctg 267

<210> 20535

<211> 270

<212> DNA

<213> Glycine max

<223> Clone ID: 700955325H1

<400> 20535

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 tttgcatcct acggtgttga tttcgggtgct attagatctg ccaggactac tttttttctc 180
 aacatataca cttcttgtcc ttttctgggc agaaatttat cacaggcaag ggggtttacaa 240
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<210> 20536

<211> 267

<212> DNA

<213> Glycine max

<223> Clone ID: 700955326H1

<400> 20536

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 aggctttggc tcatgccctt cacctggggg gcttggtttt ggccataaaa attatgatca 180
 gttctctgtg aaagtgtgca gggcttttag gactgcagat ggtggggatg tgaaggagaa 240
 aaagttcgaa tttgaagaaa atgaaga 267

<210> 20537
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955327H1

<400> 20537

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 agacaatcca cgtagaacac ttcacgtgtc ttgtggctcc acatcaccac atgcttccca 180
 gagatcatca attcaggggg gtgaagcttt ttccaggggt gtgttggaac gtatgcaatc 240
 tgtttacttg aacagaatcg tactgcta 268

<210> 20538
 <211> 230
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955328H1

<400> 20538

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 aactaaacc ccagccttta ccctttctgc ccaacgtctt cttccacgat cgccaatcg 120
 ttaaaaacgg aaagctctac ttcgtttcca cgcacgaaga aaacaccgcc gttttcacta 180
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<210> 20539
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 <212> DNA
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<223> Clone ID: 700955329H1

<400> 20539

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 gttctgcttt gcctctgcac tgaccctttc agtatcggag tccaaatctg cttctgtgca 180
 atctcatgca gctgaatctt tctctgttgg atatattcag atgaaagatg cagcgaactg 240

272

<400> 20540

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atgcttggag gagctttatc tgatgaacga tggaaatctca aaggaagctg ctcgagcagt 120
 ttgcgagttg attcctttca cagagaaact caaagttctt cattttcata ataatatgac 180
 tggagatgaa ggggcactag ctatagccga ggttgatgaag cgttctcctt tgttgaaga 240
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<210> 20543
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 <212> DNA
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<223> Clone ID: 700955262H1

<400> 20543

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 ggaacaacaa caacaacaaa aatcaagcca atgtttgtgg gttttggttt catttcatta 120
 agatgatctg tttatctctt ttcttctttt taaaatttaa agtctttgta ttttgtatgt 180
 aaagatgtaa aattatgatt attaggtggg gcatgtgtcg cgtcatgggc caatgttatc 240
 ctctgctttt aagttgga 258

<210> 20544
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 <212> DNA
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<223> Clone ID: 700955265H1

<400> 20544

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 caactcttcg ctctttcccc tcaccaccaa aacaacgcgc cactcttctc tcctcacatt 180
 cgtggctcag acatcggatt gggccaaaga agaagaggaa gaagaaacct cgtgggagaa 240
 ccaaggcgac accgcgtggg gaactga 267

<210> 20545
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<223> Clone ID: 700955266H1

<400> 20545

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gccttgaaaa ctggctgtca actcatcaat ttctgaaacc gaaaacggta atttcgatag 180
gaatactccg ggggaaaaac gacctttctg ggagtgtatc ttgtatgtcg ggcacgcgca 240
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<210> 20546

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700955267H1

<400> 20546

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gcttcagatt ccaaaaagga tttccctgct gatgacaaag ctggaccaga agagagtaaa 120
acatccaaag atgagacttc atctaaagat tctccagcag aacaaagagc gacagctact 180
tttggaccta gacctggacc tgctgggcat ccaggcaacc cttttgatct ctcagcaatg 240
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<210> 20547

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700955268H1

<400> 20547

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aatcagttct actttctgag caaggttatg aagattctga agaaatttta gctgtcaaag 180
atztatatga tcctcgagaa cagtgggctt catatatcct aaatgcaata aaagcaaaag 240
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<400> 20548

<400> 20549

<400> 20550

8705

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ccacctctca a                                     251
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<210>	20551
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<213>	Glycine max

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ctggaaggcg	gtggcttggt	ggcggcgag	cttcgcgaga	ttaggttcgg	atcgctcggt	180
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<223> Clone ID: 700955274H1

<400> 20552

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aagttctatg	ttttactttt	aacaataaaa	tctatctcat	gaatgtttta	tatgggtatc	180
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<223> Clone ID: 700955275H1

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aacttttggg gattctgctg tggatgtagg gaacaatgac tatcttccca cccttttcaa 180
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caatggcaa 249

<210> 20554
<211> 253
<212> DNA
<213> Glycine max

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gtaatttggg tgtatattca caaaattaat aagtatattg tgatgtgatt aattcccttc 180
tctgttatgg tgtacttgcc ttccctgtat tgtccatctc catcgtctgt ctattaataa 240
gaattcttat gtg 253

<210> 20555
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<212> DNA
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<223> Clone ID: 700955278H1

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tatggttttc ttgoggagaa tgcagtgttt gttgaaatgt gcagagaaca tggaatcaac 180
tttattgggc ctaaccctga cagtattcgg gttatgggtg acaaagcaac tgccagagag 240
acaatgaaga aag 253

<210> 20556
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700955279H1

<400> 20556

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cacttgagca tctatgggta taatcaggag tggcttctct ttcatagcag ggacagtatg 180
tggagtttac ttggctcaga attatcaagt tcctaacgtc acaaagttag ctgacactgc 240
cttgtttatg gtaaa 255

<210> 20557
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700955281H1

<400> 20557

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tccaccagaa atggctaccg gagctgctgt gccaaactacg ttttctaccc tcaagacatg 180
ggattccagt ttgggggttg caaaaaacat agattttgtg agagtttccg atatgaagag 240
catgaaatct tctgcgagga 260

<210> 20558
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955283H1

<400> 20558

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catcaagtca acttaagaca aaagtttgcg tctttggaat tgaggttctg ggattttgct 180

atatatgaat tgaagtggag atgatattgg tgtagtgggc ttttcaactg gtttggtgag 240
atgaaggggtg ttct 254

<210> 20559
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700955284H1

<400> 20559

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ttcttattag cagattcctc cgaacaactc cccaccaact ttctagatgc tgccaagaag 180
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ggttatgaag a 251

<210> 20560
<211> 253
<212> DNA
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<223> Clone ID: 700955285H1

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tcacggttc ggggcgagga cccttacatt tactacacat ggaacgtgac ctacggcacc 180
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gaaatcaact cca 253

<210> 20561
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955287H1

<400> 20561

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254

<210> 20567
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700955227H1

<400> 20567

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atggatacag aacggagaga tgatagattg ctttcaggat tgaggcaa at gtctgtcccc 180
aattcacaag cctcgatgga ggaccacttg aagatgtttc agatggctgg tgcattgaaa 240
agaaaagaac ctga 254

<210> 20568
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700955229H1

<400> 20568

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tccaattcca acagaaccaa attctgctag ctagctagta cgtcaaagga aataaaataa 120
tatggcattc agcgggaccc aacagaaatg caaggcttgc gacaaaactg ttcacttggt 180
cgaaggttta tctgtcgatg gggctgctta tcacaagaat tgcttcagat gcagccattg 240
caatggcctt cttgcgata 259

<210> 20569
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700955230H1

<400> 20569

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002220"ET.8560

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ttgttgcat tttcaacatg tcttttagctc actgctgaac cccttttctt tctttctttg 180
cccccttttg tccaaacccc caaaacaaaa acaaaaaaaaa tgatgatcaa caaaacgctt 240
tttctcactt atgtctac 258

<210> 20570
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700955232H1

<400> 20570

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gaactcaaca agctaggatt tctgtttctg ttgcaccaa tgaagtgcag gtgccaaactg 180
tgaaaaccca ggatcccaag agtaagcctg agtgctatgg tgtcttctgc cttacctatg 240
atttgagggc tgaagaagag aca 263

<210> 20571
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955233H1

<400> 20571

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cccctagcac aatatgctgt ggcttttgaa ggggcattctt ggaaggatcc cgattcaatt 180
cctctcatgg tcatgcaagc tattttgggt tcttgggaata agacagcagg aggtggaaaa 240
cacatggggt cgaggttagc acagcg 266

<210> 20572
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700955234H1

<400> 20572

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tagctgtttt tcaaaattgc actttcgtgg tccgaaagcc aatggagAAC caacaatgca 120
ttgtgactgc acaaggtaga aaagagatac aacaaccatc tggaatagta atccaagggg 180
gatccattgt gtctgactct gaattctact cagtgcgatt tgagaacaag gcttacctag 240
ctcgtccatg gaagaattac tctag 265

<210> 20573

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700955235H1

<400> 20573

tacactttcg agttcgaact aaagaaaaaa cagtaaagaa agaagaagaa aaaaaaaaaa 60
gatggtttcg tcagtttcgt ggggtgagagg caagtgcgtc ggtaagggcg cgtttggggg 120
tgtcaacgtg gcggtttcga aaagagataa tcgcgttttc gcggtgaagt ccgtggattg 180
cggaaggggg ctttctgggc aggtggaggc gttggagaac gagattggga ttctgaaacg 240
agttacctcg ccgcacgtgg tgg 263

<210> 20574

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700955237H1

<400> 20574

cttttatttg cgagtacagg taaaagattc aggatcagga attaatccac aagatatccc 60
gaagttattc actaagtgtg cacaaaacca atcattaaca agaaatcctg ctggaagtgg 120
acttggcctg gcaatttgta ggaggttcgt aaatcttatg gaagggcata tttgggttga 180
aagcgaaggt attggtaaag gatgtacagt cacttttatt gtâaaacttg gaatcccaga 240
ccgatcaaatt gaattt 256

<210> 20575
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955238H1

<400> 20575

cgagcttcct gatgggcaag ttatcaccat tggagctgag agattccgat gccctgaagt 60
 tcttttccag ctttctatga ttggaatgga agctgctgga attcacgaga ccacctacaa 120
 ctccatcatg aagtgtgatg tggatattag gaaggatctg tatggtaaca ttgttcttag 180
 tgggtggctca actatgttcc ctggtattgc tgaccgtatg agcaaagaaa tcaactgcact 240
 tgctcctagc agca 254

<210> 20576
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955239H1

<400> 20576

tgcattcacg ccatggactc actttaacct tctctcacac tcaccgctgc caccaccgcc 60
 ttccaccatg gactccgttc cgtttcgcga tggtaacata cacaccattc tcgactcccg 120
 ttatcttcac tctccactgg atgttaatca tagtttgcac actcattcct cgctgattcg 180
 gaggctttct caagaaaggg agttagaggg ccacactggc tgtgtcaatg cgggtggcttg 240
 gaattccaaa ggttcg 256

<210> 20577
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955240H1

<400> 20577

cgaggagaac tggatcgatt gaagaagaga gtggaaaatg gagctcgtat cagtatgtgg 60
 gtggaaccgg ttctgtgagg ccaacttctt cattggctgg aactgaggtg agtgtggatg 120

aaattcgatc tgetgctgct gcttctggtt actatcccc ttcccttcat ggagccttgg 180
 ttggttcacc tgagcctgat cctacagagc aagctcttgt ttatcagggt ggatatggag 240
 gagattatgg tggac 255

<210> 20578
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955242H1

<400> 20578

gaagaataaa aataaatttt gtattgagaa aaaagtacaa tttaatgttg attgcccttc 60
 caacttatgt acaaaaatat accctcagca tacggggtaa ggtggcaaaa tcaaattaca 120
 aaatttgtat gagcagaaga aacattcagt cctcacatga gaagaaaagg ttgaccacca 180
 aagcccgtgt aatttcactt ctcttgtaaa attaaaagca aaaacaatgt aaaatttggt 240
 cattt 245

<210> 20579
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955244H1

<400> 20579

gttaggtcga atcttaatcc tgtagctgat cgttttgtat ccatgcttgc tcagtgtgga 60
 ttttatcctc tctccataa ttttccaaca aaatctcaaa cataataaat aaaaattaca 120
 tttttattca caaaaatata gggattcatc ttgttctcat tttgccccct tttttcttct 180
 gctctcccga atcagaaacc ctaatcattg tttgggattt cagaggaaag aaatttaaac 240
 agagcacgaa gatg 254

<210> 20580
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955245H1

<400> 20580

ttgggtcccc tccaagcggt gcagctattg cagctgccac tgtagctgct gcaactgcat 60

ggtgggcagc tcatggattg cttcctttgt gtgctcctct tcatacttct tttgctgtt 120

ctcctgcac ggtgactgca gttccatcaa tgaatacggg tgaagcaccg gcactgaagg 180

cagagcaaga aaagactact ctacaaaatc ctctcttca agatcagatg ctggatccag 240

aataactcgga agtca 256

<210> 20581

<211> 191

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700955246H1

<400> 20581

ctttgagatg agagtcttga tgaacagtac cattctgatg tattgctttc cttgaaagtt 60

aatgcatcag aatgggtactg ttcataaga ctctcacaaa cactcacact ctctctttct 120

tctcttacct gctagctaca atattggagc ctctgctgct tccactcaaa ctcaancaac 180

tgaatctctc c 191

<210> 20582

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700955247H1

<400> 20582

ggaccattca aattttacac cggattccct gtctattgtg ttaggattgc tcctcatgtg 60

atgatgacat gcaatttctg tatctgggtc aggaattgca gaaatcctac gggttgtagt 120

ttgtagttct ccgtggtaac ggatattttc tggtgaattc aagctttttg agcatattga 180

ataatttgtt ggctggggtg tagccctttt tggcaactaa acaccaatgg agctgatcat 240

tttttaagtt taattaat 258

<210> 20583

<211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955248H1

<400> 20583

ctcgagccga tgaatttgaa tgctaagtct aacacaatca tttgggtctc tgttgttatt 60
 agattaggtc atggttagagt tatatcagtt aaattgacta tttagattca tccgtagtta 120
 atagttgcca ttgaagtggg gatttgattt gcttagttac tgttcatttc tatggcaggg 180
 gttttctttt gagcagtttg ttaaatatgg taaccattga gcattgctta gagattattc 240
 tttagtcaaa gaaac 255

<210> 20584
 <211> 221
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955249H1

<400> 20584

ctcagactct cgcgcaaccc cctctctgtg gacgcgttgt tgcagatcct cgttcgttct 60
 cgctctctcg cgtgagtttt tgaatttggt ggtctatgtg caggaccagc cccgaactcc 120
 tgctcaatcc ctgtggatca gcttgcatcg atttatccct ggaagaaagt aaacaaaatc 180
 ctgtagaata agctctttgt ggcttttaat ttgattcgag g 221

<210> 20585
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955250H1

<400> 20585

gcaaaaccat ggcgctaacg gagttcttcc acggcgagat ctcgtcggag ctatggaaaa 60
 tgctggtttc aatttcccgaa aaagccctcc gctgcaagtc gagcgccgag agcctcatca 120
 cctacgtccg cgagctcctt ccgacgatcg aagagatcaa atattccggc gtggagctgc 180
 cggcgccgcg ccagtctcag ctcgaccgcc tctcggagat cctccgctcc ggcgtcgagc 240

tctcgcacaa ggccctctcc tcctc

265

<210> 20586
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700955252H1

<400> 20586

ttctgtggct ttgtttgtgg gtgtctttat cttgaaaaga gggtaaagga agattgatgt 60
tcgtggaggt tttaagtgat ttcggaatgg aatggtcgta aaatgatgga ttgttatgac 120
ttatgagatt gaggtcatag gggcattgga gatgatttta atgttgggtt ttggggcttc 180
tattggcacc caacatTTTT ctctttgcat tgctcctttt ttttttatat aaatatcttt 240
attg 244

<210> 20587
<211> 76
<212> DNA
<213> Glycine max

<223> Clone ID: 700955253H1

<400> 20587

gttaagttcc ctccaaacct tgtggttccc tgccaagcaa agcaaaactt agcagtttga 60
tttttgggtca ccctcg 76

<210> 20588
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700955255H1

<400> 20588

tgactataag agagcccgtc attttgaagt tgatttgtct gctttccgga atgtacttga 60
gatcgacaaa gaacggatga ttgcaagagt tgagccccta gtcaacatgg gtcagatcag 120
cagggtgact gtacccatga atctttccct tgctgtagtt gcagagcttg atgatctaac 180
tgtcggtggt ctcattaacg gctatggat agaaggaagc tcccacaaat atggtttgtt 240

cgctgatact gttg

254

<210> 20589
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700955256H1

<400> 20589

ctcaccacaa atccctccac gttatcacca atcccaccgt tggatctcga tccatccatc 60
ctttgtcaac ctttccaaaa agtctttcct tacaaagtgc ttttccaaac ttcttcttcc 120
ttctctcttc tctctctcac cctttctccc ccactcccta gtcagctagc tcctgcaaca 180
acaaccactc ctcttctttt tctcacccaa atccacgctt cccttacacc gcgtttgat 240
ctccgttata c 251

<210> 20590
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700955258H1

<400> 20590

ggaagacgaa ggtggtgtga atgaagaaga aaaagaagaa caagagaaat caggaacaac 60
ttctgcaagt cgccgaagat gaagtttcag caggtggaaa tacagaacag gccaaagatc 120
ctaattgatgg agatataaat gatgtgagtg aattaagcgg gaaagggaag acagcccatt 180
atgatgatca tcttacaccg gcggagagggc gatacataga gcagagggag caacttgatg 240
ttcacagatt ggct 254

<210> 20591
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700955224H1

<400> 20591

gcatactga actaaciaag caaccctatg tcgaaggtgg tttgtgtcac cggagccagc 60

ggcgccagcg gatcatgggt ggtcctactc ctctccagc gtggttacac cgtccatgcc 120
 accgtccaag atatcaagga tgaaaatgag acgaaacatt tggaggaaat ggaaggagca 180
 aagagtcac tccatTTTTT tgaaatggat cttcttgaca tcgactccat tgccgctgcc 240
 ataaagggtt gttccgg 257

<210> 20592
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955193H1

<400> 20592

gcatggaaat gcaagagaat cgccatcatt ggcgtctcag cttattgtt ggtggctatg 60
 gttgtggcaa tcacagttgg ggacaatctc aatgagaatg gttccaacaa tgatccagag 120
 gacaacaaga gaaatcgtgt tgtctcgtct ataaaagccg tccaaaccct ttgtcatccc 180
 acaaattata agagagaatg cgaggaaagc cttatagctg gggctggaaa taccacagat 240
 ccaaaaga 248

<210> 20593
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955194H1

<400> 20593

cgctcagtca ggatgcacgc tgagaaaacc ggaacaacg cctatctcaa cttatcccg 60
 ctcttggtg gcaatgtggg attgattttc accaaagggtg acctgaagga ggtcagttag 120
 gaggttgcca agtacaagggt tggagctcct gctcgtgttg gtttggttgc cccaattgat 180
 gttgtgttgc ctctggcaa cacagggtc gatccctccc agacctcttt cttccagggtg 240
 ctcaactttc 250

<210> 20594
 <211> 197
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955195H1

<400> 20594

cttggccttg caatcttga gagaagggct tcaatctgag gcagccgagg ccattgcaaa 60
 tttgtctgtc aatgccaatg tggccaaagc tggtgcagaa gaggggtggga ttcagattct 120
 tgctggtttg gctaggtcaa tgaacaagct ggtggcgga gaggctgctg ggggattatg 180
 gaatctctct gttggag 197

<210> 20595

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700955196H1

<400> 20595

caaaactgtt cactttgtcg aaggtttata tgccgatgga gctgcttata acaagaagtg 60
 cttcagatgc agccattgca atggccttct tgcgataagc aattactcat ccaccgaacg 120
 agttttgtac tgcaaggtgc actttgagca gcttttcaag gaaactggaa cctaccccaa 180
 gaaatcccag tcgtctggaa agcctccagt cgagctgaat agagcaccaa gcaagctttc 240
 tgcctttctt tctggg 256

<210> 20596

<211> 271

<212> DNA

<213> Glycine max

<223> Clone ID: 700955201H1

<400> 20596

caacaccaac acaaaatctc agaatgtgaa tgtgaaagct gttgtgacta ttgaacaaag 60
 tgatgggtgga cttgtgcaa atctcattaa ttcagcggta gatgggatca aagagtttag 120
 tgggaaaaca cttgttttgg agcttgtag tgatgagctt gatccaaaaa caaatataga 180
 gaagaagaca ccaaaaagtt cggttcaaaa tataggaaaa aaggaggatg agatacggta 240
 tgaggctcaa tttgagttat ccacggattt t 271

<210> 20597

095311-03200

<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700955202H1

<400> 20597

ttttcaacca ctgaaaagga tgaactatac ctcaatttgg tacttgaata tgttcctgaa 60
acagttaatc gtgtgatcaa acattacaac aagttaaacc acaggatgcc gctgatatat 120
gtgaaactct atacatacca gatctttagg gcgttatctt atattcatcg ttgtattgga 180
gtctgccatc gggatatcaa gcctcataat ctactgggtca atccacacac tcagcagggt 240
aaattatgcg actttggaag tgc 263

<210> 20598
<211> 264
<212> DNA
<213> Glycine max

<223> Clone ID: 700955203H1

<400> 20598

cttagctgaa ccctcacctc aatcttgctg gctagctagc tttattccaa ttcctacaga 60
accaaattat tctgctagct agctagtagc tcaaataaaa taaaataatc aaatatggca 120
ttcagcggga cccaacagaa atgcaaggct tgcgacaaaa ctgttcactt tgtcgaaggt 180
ttatctgccg atggagctgc ttatcacaag aactgcttca gatgcagcca ttgcaatggc 240
cttcttgcca taagcaatta ctca 264

<210> 20599
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700955204H1

<400> 20599

gtgatttcag tgagtgatcg gtgttcactt gatctcatca taatcgtcag cgtcaattga 60
agaagatgcc gatcagaaac atcgccgtcg gaaggcctga agaggcgact caccgacaca 120
cgttgaaggc ggctttggct gagttcatct caaccttcac cttcgtgttc gccggctcag 180

gctcggcat cgcctacaac aagctcaccg acaacggcgc tgccaccct gccggcctca 240
 tctcggctc catcgcccat 260

<210> 20600
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955205H1
 <400> 20600

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 tgttgtgctg gttctctatg cgaaaatctt ctgagggctt ctcggcgatg agtggagtaa 120
 ttcattctct ggtgtttgat tccgcatttc cattttttaga tttctctgtc tcccatgtga 180
 gaaatgtttg attggaacga cgaagagctt gctaacatag tatgggggtga tgtgggtgag 240
 ggtgatgatc atattgtg 258

<210> 20601
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955206H1
 <400> 20601

aattcagaaa tgttactgca aacattagct atccctacaa tactccttgt gatattcata 60
 tgggtggtac aaccaaagca acgtcatggg aagattgcac caggtcccaa ggcgttgcca 120
 attattggtg acctccacat gctagggaaa ctcccgcacc gcacccttca aacctttgca 180
 agaaaatatg gaccataat gtccttgaag ctagggcaag tccaagccat agtgggttcc 240
 tcccctgaaa ccgctga 257

<210> 20602
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700955207H1
 <400> 20602

cgaaacaatg gttttggttg ccctattaaa gctgtcttca cggtttcctt cttgttcaga 60
 gagaatcagg gaaataattg ttcagtgcaa aggggaacctt gtattagaat tgcagcaaag 120
 atccatagaa ttcaatttga ttattgcaa gcatcaaaat attaggccta cacttgtaga 180
 gaggatgccca gttttggatg aggtgacttt cattgctagg agggctggat cttttccagg 240
 tgcaggttta acatcga 257

<210> 20603
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955208H1

<400> 20603

ttgaaattag aatagacggt gagaaagcca ggcacacaca acacaggaac ggggtgagtga 60
 gcgagtcccc actccacact ccaatcaatc aaccatttat ttcaaaacaa aaccctagct 120
 agggttcgat ccatcgatca tggcggacga ggtcccttct ccttcagcag catctactgc 180
 tactgctcct cttggttcga gtgtgatctc cctgggtgaac cgccttcagg acatcttcgc 240
 ccgcgtcgga agccaatc 258

<210> 20604
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955209H1

<400> 20604

gatgaatggc ctcaaaacgc tttgtcgttt gtggttattg agtcctgagt gatcttgtca 60
 tccgaccttt gccatgacag gtgcgcttgc atggcaggtc aaaaaatggt aataaaaaaa 120
 gttttattgg tttggggaga gatcgacagg ggggtgcccc ggggtctcttc ctcttggtg 180
 gtgtggtggt tgctgtgctc tccttttcgt tatgcctact attattacct atctgtcgct 240
 ccactccgta ttacga 256

<210> 20605
 <211> 256
 <212> DNA

<213> Glycine max

<223> Clone ID: 700955210H1

<400> 20605

gaactcgctg actgaaactc gcaaaaatta gggttttgca gtgatggcac tgtccaaccg 60
cgtccgatcg ggaatctctc tcttcaccaa atccacgttc ctcacttccg agcgatccac 120
tctccaacga ttctctggtg ccccttccat ttccttcgcc tccagaaatt acgccaacgt 180
gccggggcaa aaggaaaaca aagttaaggt ccctctggct ttgtttggag gttcaggaaa 240
ctatgcctct gctttg 256

<210> 20606

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700955211H1

<400> 20606

attcaaattg ctatgacatg aagtctgcaa aaaatattaa cttgaatgag atactttcaa 60
atgcttcac cacaactta gtttcccagt caggctctggg aatcatggat ggagaacaga 120
agcatgagga gcagcttgca gtgttgccct ggcttagagc caagacaaca tgtaagaatg 180
tggcacaaaa tgctggaggt ttaaattgtt tccaagtctt ttcttcatct aacaagaag 240
aaactggaaa gggg 254

<210> 20607

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700955213H1

<400> 20607

ggcgctacta gaccatgatc ccggtttgat taagacgttt gcgcagtcaa atgcaactcc 60
tctaattctt gcggctacac gagggcatgc agatgtcggt gaagagttgt tgtctagga 120
tcctactcag ttggagatga ctaggccaa cgggaaaaat gcgctacatt tagctgcacg 180
ccagggacat gtgagtgttg taaagatact actacggaag gatcaacaac ttgctcgaag 240

gactgataag aaagga

256

<210> 20608
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700955214H1

<400> 20608

tttggctgga gcataactct tatgtttatg gatgcttctt tggtagataa cttgatctgt 60
agataagatt aggcatttag catgtatggg gtgaagctcg tggctctttt agtgggggtt 120
cgtcaactgc taattatttt ggtttattta tacttgctag gtgaagtttt tcagtgttaa 180
tgataaaaat gttccttgac gcagatttga tattccagtt ctttcaatca agaattattt 240
tacatgggtt aagtttt 257

<210> 20609
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700955215H1

<400> 20609

ctaacatgga agcaagttaa cactcccaca attccttaac caaaaccact gatcaactca 60
tccccacaat cagaaacggg tctctaccac accacaaacg atctttctca catttccact 120
atagagaagc tagaattcca cttcccatat catgctgcca aatgacatca ccacaccaa 180
ttgatgatga tgaaaaatct accctaagag gtgattggcg atctttacga acaaaactgg 240
tggctggaga ac 252

<210> 20610
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700955216H1

<400> 20610

ctcatctgta tgccatgct tgtttatcat tttcttactt tctctcacg ctctgccaca 60

aaactccgtc tccgcaataa cggaataaaa aaacaagttt aattactatt atggcgccga 120
 gggatcataa gacaagcaac gctaaggcta acggtaacgg taacagcggg gtgaaggagg 180
 tgcattttcg tggagtgaga aagaggccgt gggggagata cgccgcggag atcagagatc 240
 ccggcaagaa gagccgcgtc tg 262

<210> 20611
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955218H1

<400> 20611

tggatgctgt gtggaagaca accacaggat tttggtatat ggctatcttg agaacaacag 60
 cctagcacia acacttattg gttcaggcca tagtagcatc caattaagtt ggcctgtaag 120
 gaggaacatt tgcataagggtg ttgcccgggg ccttgcatc cttcatgagg aggttcggcc 180
 acgcattatc catagagaca taaaagcaag caatgtacta cttgacaaag atctccagcc 240
 caaaatttca gattttggcc ttgcaa 266

<210> 20612
 <211> 224
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955220H1

<400> 20612

ctaatttgta atgtatggaa attgaacttt attggagttg accaacaact cactaccaca 60
 tgagtcgtgt attaccttac tcataactcg tttttatctg ggaaatgttt gtttgtcttg 120
 tgttattatt tggttataat gtgagtagtt ataggtactg tggtgagaaa cttctatcca 180
 cgctatacct atggataatt tttttcttaa aaaaaaaca aaaa 224

<210> 20613
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955221H1

<400> 20613

cccgaacctg aaccagaatc atcacgcgtt ccaggctcgg ccgccgtacc accaccatta 60

acaacagccg cagtatgtgc aggcatttgt tgcagccgcc gccgccgcag cagcagcagc 120

agtggctgag aagggatgcc aatgccgtcg acgaggtcga gaagaccgtg cagtccgaac 180

ccatggattc gagttcccaa gattcgtaag caagactaaa gattccacca gctgatactc 240

gctataggac agaggat 257

<210> 20614

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700955222H1

<400> 20614

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agtggaatca agaagctgct gcgactaagc tcaccaagct gaagaggcca gaggctaaaa 180

ctgattttca tgaaagaaag ctaggaagca gttccaacct tgataatagt ggagaactac 240

taacctcagg atatgg 256

<210> 20615

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700955223H1

<400> 20615

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aaagagggtg gtcacttctt gtgtggcttt gttttgttct ttgtgttgga atttgttgat 180

gggtgaagag ggagaagagg tgtcaagaga taaggaacag caacacatgg gagtttatgg 240

aaatgagtgg ttgttta 257

<210> 20616

<211> 244
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700955192H1

 <400> 20616

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 aatcaggttg atcagttcct tcgcgaacta ttcagaacct tcgcgaacgg ctttcaatct 180
 tgaggatgga gcaagatggt ,gagaatttta ttcgtgatcc tactcaacag cagcttgaat 240
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 <223> Clone ID: 700955148H1

 <400> 20617

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 gacccttaa cgaagcaaga gatcaccta cgtccaagcc acagtcctaa agagataccc 180
 cacaccaccc aaccatgtct tcttccacta cgtcggcctc gacgatcccg acaagaccac 240
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 <223> Clone ID: 700955152H1

 <400> 20618

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 aaaacggggt agacatatcc gtagttggga gtagtagtat taagcatggt ctcaagaata 180

gccttgacct tactaggtat gagtactaca caatggaaca tacttcagaa atgaggataa 240
gtatattccg gata 254

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<212> DNA
<213> Glycine max

<223> Clone ID: 700955156H1

<400> 20619

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ccatggcacg tgcaactatc acgtgcgggc atgttacgaa tagcctgaac aattgcatct 180
gttgccctca taacgtgagg aacgccgccg tctggatgct gcaacggat gaagagcctc 240
aatgccgccg c 251

<210> 20620
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955157H1

<400> 20620

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tgcggtgtgt gtgtggctgc tacaccgata tcagcaccac atgtgagagc acgtgtcgat 180
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ttgc 244

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<212> DNA
<213> Glycine max

<223> Clone ID: 700955159H1

<400> 20621

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 atctgcagat gaggagactc ttctcatcag gatgtataaa ctggtatggg agaggtggtc 180
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 aagattctcc 250

<210> 20622
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955161H1

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 acataatctg agctggcata gctgcagcta cacatcactc gcggggttgca cgtgtacacg 180
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 agctgcacca ccag 254

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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955163H1

<400> 20623
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 cgctgtgtca gaaatatacc tatgatcgtc tccaccttca tatgaggaag caagtttgcg 180
 agttatcgca ctaatcgtgt ctcaagtctt cacctcacta cgtgcgtcgg aagcagttca 240
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<210> 20624
 <211> 253
 <212> DNA

<213> Glycine max

<223> Clone ID: 700955164H1

<400> 20624

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cacacgtgca tagccatata tagaggactc ttgagagcgc ggcttatacc ttgaagtata 180
gtggtagtagt gtgggggttac aagcgctgtg tcacgagagc actctataga cgtcagacta 240
ccttaaagat gat 253

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<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700955165H1

<400> 20625

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cgactacgaa gaagaagaag aaaaagctcc cgattccgct aaacccgtta gtgaatctgg 180
caagaagggt tatgttggca tccatagttc gggatttcga gacttcctgt tgaaaccaga 240
gcttcttcga gccgttgta 259

<210> 20626

<211> 200

<212> DNA

<213> Glycine max

<223> Clone ID: 700955166H1

<400> 20626

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agccatacga ttggatccga acgacgccaa tctcttcgcg gacagagccc aagcccatat 180
gcaactcaac gctttcactg 200

<210> 20627
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955167H1

<400> 20627

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tcttttgact ttttataccta tgtgcttaat tagctaacc cacaatctagc agtaaagctt 180
ttttctgctg ttcacagtta gtggccatca cgtatatgct ttcctctatg gcagatttta 240
cctgtcgttg agtg 254

<210> 20628
<211> 236
<212> DNA
<213> Glycine max

<223> Clone ID: 700955169H1

<400> 20628

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gagagatgga gagcatagag cacagaacgg tggaagtga cggcataaag atgcatgttg 180
cagagaaaag aggaggagca gtggtgttgt gcttgcgacg cttcccagaa ctctgg 236

<210> 20629
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955172H1

<400> 20629

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gcggactttg gggagtcaaa ctcagacact ggaggcatat cagcttcatt tgtgccaatt 180

cctgcacctt atggcgaggg cttcatcaca agccttcttg aagggaactgt gatggccgctc 240

tcatt 245

<210> 20630

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700955174H1

<400> 20630

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caattgttgt cccactttgt cacattgcta ctactactcc ttttaactcct ctcccttgtt 180

tcctaataata attcccaaaa tcacatcatt ttgcttcagg ttccagagac atatacatga 240

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<210> 20631

<211> 79

<212> DNA

<213> Glycine max

<223> Clone ID: 700955175H1

<400> 20631

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<210> 20632

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700955176H1

<400> 20632

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aactatgtat tttgaaaggt gtaactcccc gggagcccaa gaaaaagttc aagggaactc 180

atcagactta ttaccatgtc aaggagtttc ctgccttcac cagagcctt tggttgaaat 240
acata 245

<210> 20633
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955177H1

<400> 20633

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gatgcatgtc cataacacta acaagatgga taagccttac aagctgaaac taaacaagtt 180
tgctgacatg accaaccatg aatttgagag tacctatgct ggctcaaagg ttaatcacca 240
cagaatggt 249

<210> 20634
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700955182H1

<400> 20634

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actcatgctg tgattgaacc atttgtagta gcaacagaca ggcattcttag tgtgctccac 180
cctatttata agattttggt gcctcactat cgtgacacca tgaacatcga tggactcgca 240
agacaatcac tcat 254

<210> 20635
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<223> Clone ID: 700955183H1

<400> 20635

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 cggaagtcct tgttcttcat gagcttagta tttatgagtc ctacgatttt tggcgattca 240
 gcgacactat ag 252

<210> 20636
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<223> Clone ID: 700955184H1

<400> 20636

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<210> 20637
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 <213> Glycine max

<223> Clone ID: 700955185H1

<400> 20637

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<210> 20638
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 <212> DNA

<213> Glycine max

<223> Clone ID: 700955188H1

<400> 20638

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gaaggaagct gctgagatga acagaggtct ttcaagtatg cctgggtgct ggacaaactt 240
a 241
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<210> 20639

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700955189H1

<400> 20639

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agatcttcag cgaggggtggg ctcgactact tgggcaaccc aagcctgac cagcccaga 180
gcacctctgc catctgggcc acaaagttat cctaattgggt gccgttgaag gttaccgtat 240
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<210> 20640

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<212> DNA

<213> Glycine max

<223> Clone ID: 700955190H1

<400> 20640

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244

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<212> DNA
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<223> Clone ID: 700955147H1

<400> 20641

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agatggccgc aaattctggg aatatctcgt ttgcgtctct cagtctagtt cacagattca 240
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<210> 20642
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<213> Glycine max

<223> Clone ID: 700955191H1

<400> 20642

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gaagccgccg agactttctt tcccatcgaa cccacctcac gcccttcgcg acgccggagt 180
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955117H1

<400> 20643

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gggaattcaa gaccatcact gatg 264

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<223> Clone ID: 700955118H1

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<212> DNA
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<223> Clone ID: 700955119H1

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aagagcaagc tcgatgctca gccag 265

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<212> DNA
<213> Glycine max

<223> Clone ID: 700955120H1

<400> 20646

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caacactccc taaaccatgg cgggggtcttg tggatggcaa gactgggtat ctttagtttt 240
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<210> 20647

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<212> DNA

<213> Glycine max

<223> Clone ID: 700955122H1

<400> 20647

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<210> 20648

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700955123H1

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<210> 20649

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<223> Clone ID: 700955124H1

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 <212> DNA
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<223> Clone ID: 700955125H1

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 <212> DNA
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<223> Clone ID: 700955127H1

<400> 20651

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tatagggacg ttgactatgg gtttggcaaa ttgactgctt tcaatcattc atatctcttg 240
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<210> 20652
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<223> Clone ID: 700955128H1

<400> 20652

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<223> Clone ID: 700955131H1

<400> 20653

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<223> Clone ID: 700955133H1

<400> 20654

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<223> Clone ID: 700955134H1

<400> 20655

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 <213> Glycine max

<223> Clone ID: 700955135H1

<400> 20656

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 cgaaacagag aaacgggagc tcacggtgcc aggtttcgga cccatcagag atgtctccgt 180
 tgacatcaaa tgcgacaagg gcgatcgac cgcgtaccaa tccgacatcc ttaccttcac 240
 ccaaattgtca gagctcttca ac 262

<210> 20657
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955136H1

<400> 20657

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 tcaccggcaa gaccatcacc cttgaggtgg aaagctctga caccatcgac aacgtcaagg 120
 ccaagatcca ggacaaggaa ggaatcccc cggaccagca acgtctcatt ttcgccggaa 180
 agcaacttga ggacggccgt acccttgctg actacaactt cagaaggaga gtactcttca 240
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<210> 20658

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700955137H1

<400> 20658

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 cactgggttct tctgtcactt ctgttaatcc ttctaacgat cggagcatgg ctcaagtgc 180
 tgaagcgact ttgcgagatt atgaggaggg attgaagctt gcagtgaagc agccaagaca 240
 tggatgacta ttccggc 257

<210> 20659

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700955138H1

<400> 20659

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 caacatgagc aacctgatta ttggctgaac tatggaaacc cttgggagat agaacggatt 120
 catgtaacat atgaagtga gttctatggg actgttgaag aggttgagat gaatggagaa 180
 aaacatcaag tttgggtccc tggagagacg gtaaagctgt ggcttatgac aaccaatac 240
 ctggttacgg gaca 254

<210> 20660
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955139H1

<400> 20660

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 ggacagagca gtggtgtgag acctcatcct ggtgctggtg ctccttacat gggtcattag 180
 gtgagtggct catgaatttt tattctgaat ttgtttaata catattctgc cctatcttta 240
 tgatttatga gt 252

<210> 20661
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955140H1

<400> 20661

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 tccccgaaac cgggtgtgagc ttcgctgacg ttgcgggcgc ggaccaagcg aagcttgagc 180
 tccaagaggt tggtgatttc ttgaagaatc cgataagtac accgcgttgg gcgcgaagat 240
 tccgaagggg tgt 253

<210> 20662
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955141H1

<400> 20662

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cacctttgtt ccaaccacaa tctcaattat ccttgctggc cgattcagtg atgaaccaga 180
 tcctatagag agattcaaga gggtaatgag atgatccaag gtgctcttat tgttgcttcg 240
 actctt 246

<210> 20663
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955143H1

<400> 20663

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 agagtgtctc gctctctcat tcatgtccca actgtacgac ggaggacagg ttgcgtaact 180
 gccaccaacc cttcgccgca cgggtgggcgt ggtgctttgc cttctgaagg tggtagccct 240
 tcagacttgc t 251

<210> 20664
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955144H1

<400> 20664

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 aagtcaggac agcattatga agaattgcttg tgctggcag ttgataatct acctgttatt 180
 gatgggaagg gtccagtcca agtgtaccag atttctgtga gagcttcaag tcttcattct 240
 c 241

<210> 20665
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955145H1

<400> 20665
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 ctccagccgtg gatgtaggga ataatgacta tcttcccacc cttttcaagg ctgattaccc 180
 tccttatggg agggactttg ctaaccacca actactggga ggttttgcaa tggcaaatta 240
 gctactgatt ttac 254

<210> 20666
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955146H1

<400> 20666
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 atgactaggg ttatctggaa gtcaatcaag gacaagctca ttttgccctt cttggagttg 180
 gacatcaagt attatgactt aggccttctt taccgtgatg agaccgatga taaagttaca 240
 attgacagtg cgga 254

<210> 20667
 <211> 278
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955116H1

<400> 20667
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 tggggtttctt tggtaccatt ttgggggtttt tgggatttgg ggttgggatt tcgattggtc 120
 tcgtgtctgg gtactttctc ttcacttact tccaaccac caatgttgag gatcctgaaa 180
 tcaagccatt gtcggagcaa gagcaagaga ctctgcaacg aatgtttcca gagatcctct 240
 ttggataaag aatccggatt ttgatcggct tgattggc 278

<210> 20668

<211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955083H1

<400> 20668

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 gatttgatcc catcttactc cattcgagtt gacaagaaaa aaaatattgt attttggcca 120
 caatttccag ccaagagaag aaggagagcg gaaagtaata gacggtcac gtctgtgcac 180
 ccgtcatgat ttgacttcaa tatgttatgg gattaaactg attcttgtct catatttgag 240
 ggggcaaaag 250

<210> 20669
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955084H1

<400> 20669

gggtaagcgg atttagggaa ggaaaatgga gaaacattag attagattgt tggcatccac 60
 gtttggtctc gcattgctgt ctgttttagat cttttattat ttggagagag gaaagtagag 120
 ttatactcta gatcttcctt gtcccccttct ggatcatttc ttcttttcat tgctttcttct 180
 gccgagccat tcagtgggtg ttaacacttt tttctcctc aaccaagaca tttgacgtgt 240
 tatatt 246

<210> 20670
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955085H1

<400> 20670

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 ggcgcgttga gtaccactac caacaccact agacacttgc agcttcagct aggtcaagtg 120
 tccctcattc cactccaaca accgtcttct actactgcta ctacttcttc cgcagtttct 180

tgcttcaga accttctaga tgcagaagct cccaatgcgt cttcctctcg cgtggcgctc 240
atcgacaa 248

<210> 20671
<211> 243
<212> DNA
<213> Glycine max

<223> Clone ID: 700955088H1

<400> 20671

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atcgccggca tcccaactac atcgatcact cgcgcaggtc ttgtgctcaa acgacctgtt 120
ggagcctcgt cctctaccgt tcttgattg ccagcaatgg ctaaggcagg gaaagtgagg 180
tgctccatgg aggaaaagcc ttcaagcagc tcaaatatag ggatgggggc atccttggtta 240
gca 243

<210> 20672
<211> 243
<212> DNA
<213> Glycine max

<223> Clone ID: 700955089H1

<400> 20672

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tatatatcc tcaaatacgtt gcaaatacat tgcagcatca gaatacgtaaa atcaagatct 120
tagcttgcca agctaatacaa aatcttgacc aatcgtccac aacggaaaaa tctgttgctg 180
agcttgccaa tagcaaagga acaagttccc caaatggtgt tccccctaaa ttcccaagca 240
agg 243

<210> 20673
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700955090H1

<400> 20673

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 cgctagaggt cgagtcctcc gacacaatcg ataacgtgaa agctaaaatc caagacaagg 120
 aaggcattcc accggatcag cagcggttga tcttcgccgg taaacaactc gaagacggca 180
 gaactctcgc cgattacaat atccagaaag aatcgacgct ccacctcgtc ctccgccttc 240
 gcggt 245

<210> 20674
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955091H1

<400> 20674

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 tgttactgtt gttgttggt cccctgtctc cagcaagtgt tgtgcattgc ttgaagggtt 180
 ggctgatttg gaggtgcac tttgcctttg cactgctatt aaggccaatg ttcttggaat 240
 caa 243

<210> 20675
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955093H1

<400> 20675

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 gatcagagat tctgagacac attatggttt caggactaag agtgatggtg atggcatttc 180
 catctttggt agcagcaatg tttggattga ccatgtttcc atgagaaatt gtagtgatgg 240
 a 241

<210> 20676
 <211> 241
 <212> DNA

<213> Glycine max

<223> Clone ID: 700955094H1

<400> 20676

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 ttgttttagct tctactgagg aacaggaaag ggacaggatt gccaaagtgc caggacaacc 180
 agaaaatgtg ctatttgcac actactcagg ctatgtgact gtgatgaaga agctgggaga 240
 g 241

<210> 20677

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700955096H1

<400> 20677

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 tgctgcagca aaactcaagt ttcaggggaat gaagagctgc caaagacaaa cctaaatggg 180
 catgatgaag aagcaaaatt cggatTTTTT catcataaac caatattcaa gaaacatatt 240
 ccaattccag t 251

<210> 20678

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700955101H1

<400> 20678

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 aaacttttgc caccaaagcc aaagtttgag cttttgaagc ctcatgagat gtctgatggg 180
 caggtacagt tccgcaaggt gaatgttcca cctcatcgta ataccctct gagaaagctt 240

ggatggacat ctatgctccc atatg

265

<210> 20679
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700955102H1

<400> 20679

cgtacgtgag gtcgggctat gggacttttg tctacactcg ccctcttgat gcacaagctc 60

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gagaacttga gcatgaccag attctggcag tgattaggca agtagacatt gtgatatgtt 180

ctcttccata ccctcaagtg atggagcaac tcgaaattat agatgctatc acagttgctg 240

gtaatatggg gggat 255

<210> 20680
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700955103H1

<400> 20680

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atggtgtgca atttaaagga gacggatata caacctgtgc agctagtgga cctgggcatt 180

gcaagataaa caatggaggt tgttggcatg aagctaggaa tggactgcat attctgcttg 240

ttcggatgat ggaggggtta aatgcaagt 269

<210> 20681
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700955104H1

<400> 20681

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gagcttcatt acagaacaag ttgcctttta cactggtoce acagttggag gacttctgaa 180
tgctacatgt gggaatgtta ctgagctcat aatagcaata tttgccctta gcagtaacaa 240
aattgccgtg gtcaagtatt ctctgt 266

<210> 20682
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700955106H1

<400> 20682

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ataaaatddd tcagcttctc cgccgccgta cagccaccac ctccgttcgg atctccggcg 120
gacctactat ccctagtact ctatttacac ggaagaacaa aaaaactatc ccacaaaaga 180
aattccaaaa gcggttcggt tagggtttag tttgttttt atacgtttcg tgtatctaata 240
tttgcacggt taatattatt tttggg 266

<210> 20683
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700955107H1

<400> 20683

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ttattttttcc tttttttttt tcaatagtga atatttgtgt acaacaagc ttgcttgcta 120
aggctttgta tattttttga ctatggcaac agtaagttaa tttagaagca ctcgttttgt 180
tcgagtaaaa aagagaaaca acaaagagga aaaagaaaaa acaaaaaaga gcctaacgcc 240
gaatttgaag gag 253

<210> 20684
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700955108H1

<400> 20684

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 ttttgccgaa ttggaccgcg cggtcaattg ggttgtcgaa ttcgaggcaa aggaatcgtg 180
 ggtgtacgag gaatttcgac tgtgttggtg aactttggtg attgtcagca aacgggtgctg 240
 attggtttga gagaagctg 259

<210> 20685

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700955109H1

<400> 20685

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 ataccaatac aaatccagtt tgaatctttg aactccaaca acgtgcacca caatgacaac 120
 accacctact gttggctaac tccagaggac gtgttccgct acctccttaa ctcaattggt 180
 gtgttttccc caacaccggg gaaccccatc aacaccttag gcgtcattga cacacaaaac 240
 ctttttgcag tgtgctatga 260

<210> 20686

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700955110H1

<400> 20686

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 ccaccacgcc gaatcaactc agcctcccta ttctgcgac tcgtcctcca actcacccta 120
 ctaccattc tgcaacacca ggctcccat cagcaaaaga gcccaagacc tcgtctcgcg 180
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 ggcaccccgga gttaccagtg g 261

<210> 20687
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955111H1

<400> 20687

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 aaaatatatg atcctttcct gaacggacgc tttcgtggac aaatcgaaaa tgttttttca 180
 acctcaatcc aatatgaaaa aaatgaaaaa aaaaatacca ttttgataaa taaaattcat 240
 ggtatcctta tttc 254

<210> 20688
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955112H1

<400> 20688

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 gacatcatgg gggaagaaaa tggcgaagga agatccttag ctgaaacccc cacatatgcc 180
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 gaattggtaa agtggttg 258

<210> 20689
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955113H1

<400> 20689

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ctttgttccg gggccggtta acatcccga ccagatcatt cgggccatga acagaaacaa 180
 tgaggactac cgttctccag caattccagc tatgaccaa cactgcttga ggatgtcaag 240
 aagattttca agaccata 258

<210> 20690
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955114H1

<400> 20690

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 tcagaagctg agatgcttct tatagaaaac cttggatcat atgatcctga ccatcaattc 180
 attgataaat tcctcaatta caaggagttg ttaccgtcag acgttttgga catagctttt 240
 cagagtagga atgataagag ag 262

<210> 20691
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955115H1

<400> 20691

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 agaccctcac cggaaagacc atcacccttg aggtggaaag ctctgacacc atcgacaacg 120
 tcaaggccaa gatccaggac aaggaaggaa ttgccccgga tcagcaacgt ctcattctcg 180
 ccgaaagca gctcgaggac ggccgtaccc tcgccgacta cacatccaga aggagtcaac 240
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<210> 20692
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955082H1

<400> 20692

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acaaggccta ttcgaagaaa ctagtcatg gtgctaccac gctgttcaag ttttctaggg 180
agcagagagg caggtacagt gcagggagtt cggaagcttc tatattttac aattctacca 240
gttactggga 250

<210> 20693

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700955051H1

<400> 20693

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cacccaaggg aatcccatgt ggaataattt atctgttcca actggcactc tttatgcttg 120
ggaccctaca tcaacttata ttcatgagcc accttatttt agagatatga gcatgtctcc 180
cccaggctct catggagtga aagatgctta ctgtttgctc aactttggag acagtatcac 240
aactgaccac at 252

<210> 20694

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700955052H1

<400> 20694

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ttgcagccct ccaagcaagg ctaagaaagc ggtttcctgt ggatgcatac aataaagcaa 120
gaaaggaatt ggaccccaat aggatccttt cgaacaacat gttggaaaag ctcttcccac 180
aatcagacac catataattt tgtgttggtt gtgtctatat tgtccatatt ttttatgttt 240
actatatatt c 251

<210> 20695

<211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955053H1

<400> 20695

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 tctttaatcc tggcaaaaaa aaattacgct actttcgttg cgatcgtttc caatttcacatg 120
 cgctttcttg tgtggggtgg attgggtggtg gggtgggtga ttttaggttt gggaaagaac 180
 gcgtgacttt gatgattacg aggattaaat tgcacaaaca agtctctatg atatggatca 240
 aatgagtcaa caaa 254

<210> 20696
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955054H1

<400> 20696

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 aatgcacctg acagcagcga agctaagcga gcagttgacc tcttatacga cacgggtcta 120
 atttctagtg gattttctcc tgacagccct gctgagttag gaaataagat ttacgaaatg 180
 atggccttgg ccttgggagg aagatggggt agatcagaag aagaggaggg agatgcttct 240
 gttgaagctg 250

<210> 20697
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955055H1

<400> 20697

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 aaccctttct acagttacaa atctatgcta ctccacaaag actctttttg catgagacat 180

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<210> 20698
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<212> DNA
<213> Glycine max

<223> Clone ID: 700955057H1

<400> 20698

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tcaaaggat cttttgagga caatttcagc ataatgtggt ctgaggacca ttttactacc 180
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acaaaaca 248

<210> 20699
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700955058H1

<400> 20699

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gcttgccctt actcactcaa gaaactattc cacaactggt agttacttca atggaggctt 180
gcagtcttcg ggtttggttc cagtcatggc acatgcaccg gctgagaaag gagtgtctgg 240
atttttgt 248

<210> 20700
<211> 243
<212> DNA
<213> Glycine max

<223> Clone ID: 700955060H1

<400> 20700

<213> Glycine max

<223> Clone ID: 700955064H1

<400> 20703

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gtggcgccct gagtggatta acacgtgtta ggagattcca gcaggacgat gcacatattt 120
tctgcagga gtctcagata aaggatgaag tgaggaacag cttgaattca tcaattatgt 180
ctataagata tttggtttca catatgagct gaagctttca acgaggccag aaaaatacct 240
aggagatatt gca 253

<210> 20704

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700955065H1

<400> 20704

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tctctctgtg tgcgagttct agggttttgc ggatagaagg ataacacact tacacggcgt 180
cgtttgattt gagggggggcg caatgatccg gggcaccgct cgaaatcgga gaagcatggc 240
ggcggcggcg agaag 255

<210> 20705

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700955066H1

<400> 20705

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cagaaggagc agcaagtgta gatgggagag gaccaagcat atgggacacc tacactagac 180
agcatactga aaagatttgg gatcatagca ccggtgacat gggagctgat ttttatcatc 240

gatacaaggg tga

253

<210> 20706
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<223> Clone ID: 700955067H1

<400> 20706

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 tctgcgtcgt caccagactc acttccgtga ttcgaacgcg gcgtggggaa gagaaaaccc 180
 taatccgaca tggggaagaa gaagccgacg gcgagggacg aagagaacgc gtcgcagcaa 240
 ggcggcgggcg gga 253

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<223> Clone ID: 700955068H1

<400> 20707

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 cacgcgcttc aagacacgcg cctgcaagtt tccatcatgg tccccaacga cctcatcttg 180
 aacatctcca cgaaccaaac cctgtccgac cagtgggtct ccgacaacgt cgtaccctac 240
 cccccccgca cc 252

<210> 20708
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 <213> Glycine max

<223> Clone ID: 700955069H1

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005113-03200

<223> Clone ID: 700955073H1

<400> 20711

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tcaagcatgt catcatacca gcaacctaac actgttttttc ttggccaaga gcaatttgat 180
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<210> 20712

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700955074H1

<400> 20712

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taaggcctta gattactgtc attctcaagg cataatgcat agagatgtca agcctcataa 180
tgttatgata gatcatgaat tacggaaact tcgcttgata gattgggggc ttgctgaatt 240
ttatca 246

<210> 20713

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700955075H1

<400> 20713

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cctcgtgctt acctttgtga tttatgtgta gattatatga tcacaataat tgttggatta 180
gtgtacttct taaggactaa ggttcaattt aaacctcgga tgtctcttgt ttgttaatat 240
agtt 244

<210> 20714
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955078H1

<400> 20714

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 aattcaattc ctgcactgca ccaatggagc ttttgaagcc tttgcaccct caccatgcac 120
 ccattttgcg aattcccttt cacgctgtcc cctcttcac ttcttctcaa tctcagtctc 180
 aggttcccct ccctatgatt tctaagggtc atgtcgctgt tgggaaatcg ctcgacaaaag 240
 ttgttc 246

<210> 20715
 <211> 251
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 <213> Glycine max

<223> Clone ID: 700955079H1

<400> 20715

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 tcaactgcaac cccaacccaa cgaatttttc aagctcaacc cagaccaagc cacagaatga 180
 tggtagttcc tgtagttaca cggtagcat aaaaacaagc tgcagttctc cctcctacac 240
 cagagattac a 251

<210> 20716
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700955080H1

<400> 20716

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catgattgac agacatgact atttctacaa ccaaggacgc gacaagttct ttgccgaacg 180
aattaaaaag tacaactcta cggttatatcg accaacaagc caccgggtcc tgtcatttcc 240
tctaa 245

<210> 20717
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700955081H1

<400> 20717

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aatgggtcac gtatatggct cggaatttaa cagcaaattg aactatcaag acagtggcaa 180
tggtaaagtc aatagtgatg atgattctaa tgctgctcct ggcttataaa gctgcttctc 240
ttctgccaga ta 252

<210> 20718
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700955050H1

<400> 20718

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ttcttcgtcg atagctccag taatcaattc attcgcgcca gatcatccaa ctatgagcaa 180
ccttcactgt tgctagaaga agctgggtgct gttgtgtcag tcttgcttgg ttttgctcct 240
ccttcacccc tt 252

<210> 20719
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700955014H1

<400> 20719

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gtgaagtaca cagagactga gattcagtcc gtgtacaact atgaaaccac tgaacttggt 180
cacgagaaca agaatggcac ttatcagtgg gttgtcaagc caaaaactgt caaatatgaa 240
tttaaaacca aca 253

<210> 20720

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700955015H1

<400> 20720

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tggtgaaggc aggatttgca ggagacgatg cccacgtgc agtgtttcct agcattggtg 180
gtggcctcgt cacactgggtg tgatgggttg tatgggccag aaagatgcat atgttggtga 240
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<212> DNA

<213> Glycine max

<223> Clone ID: 700955016H1

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ctctcagctc tcattcaacc cacttcatca tcaacttctt ccttttcttc acccgtaca 180
ttcacaactc tggccctctt caaatctaag accaaagccg ctcttgctaa gactaaggtt 240
acaaagccaa agcaaaa 257

<210> 20722

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<400> 20722

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<400> 20723

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 tgttttcaaa gagttgaacc aagttccaca tggtgttgag ctcgacgaga gagaggatgg 240
 ttcaaagatt 250

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<223> Clone ID: 700955071H1

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 aggattgtgc tatttacttg gtggtttctc ttgcaaccaa gaaggctggg gctagtgatg 180
 tctccacgga actcgttgat gttcagagct tttgtgagtc tgtgattgtc cccgagctgc 240
 aaagtgca 248

<210> 20710
 <211> 248
 <212> DNA
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<223> Clone ID: 700955072H1

<400> 20710

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 agaagtccgt ttccaaatcc atcaaagctg gcctccaatt ccccgtcagc cgcgtcgcca 180
 ggtacttgaa gaaaggccgt tactctcgcc gccttggcac cggcgtccc atttatctcg 240
 ccgccgtt 248

<210> 20711
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 <212> DNA
 <213> Glycine max

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agtaaataat tctggaa 257

<210> 20725
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700955020H1

<400> 20725

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ctttcttagt tgcagcgcca ttgctgcac gtcttccaat aagagctcgc tgctagtga 180
ccctaacacg gcggaacga gaggtgttcg gttgaagctc agatcagcga tggcagcagc 240
aaccgcact tctctg 256

<210> 20726
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700955021H1

<400> 20726

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aaattttgct aggaggatca tcaacaataa atacctcact ctagctcaca aataccctgc 120
atctacctcc gaaaatgaag aaagcagcga ttttgaagtc tctccaaacc attatggttg 180
tcttctgct gatagtactc tttagcagca acaccaaagc agaaaaagaa acaatccacg 240
accatgcaaa caaaaa 256

<210> 20727
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<212> DNA
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<223> Clone ID: 700955023H1

<400> 20727

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 tcggttccaa ctcaaggcca gcggtcgcgc tccgccgctt gcggtggccg gcgtactcct 180
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<223> Clone ID: 700955027H1

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 tgaacctgtt agaaatcttg tagatgctgt taataaaaatt aagccaacag tgttgattgg 180
 aacatcggga caaggaagaa catttactaa agaggtgatt gaggcaatgg cttctattaa 240
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<223> Clone ID: 700955028H1

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 ccctcagcac agaagaaagc tcgtgtgggtt tggctctgtt agctgcatag aaaatttgtt 180
 gctgcagtta atcaactggg cctagataag gctgttccca agaaaatact tgacctaatg 240
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<210> 20730
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0 1 2 3 4 5 6 7 8 9

[illegible]

0 1 2 3 4 5 6 7 8 9

[illegible]

0 1 2 3 4 5 6 7 8 9

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0 1 2 3 4 5 6 7 8 9

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0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

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272

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<223> Clone ID: 700955034H1

<400> 20733

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gatcatcgca attactcagc gttatgttcg gatatccaaa atcctggcta tgttgattac 180
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aatagaagca atgtcg 256

<210> 20734
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<223> Clone ID: 700955035H1

<400> 20734

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cctcttctcc aaaccacca ccacctcat caaaaccatt accacattcc ccttctctc 180
acaagatccc caattagtgg ttcccatccc atccccctct tctcttcaa cccctctccc 240
tcccaacccc gcctccgg 258

<210> 20735
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<223> Clone ID: 700955036H1

<400> 20735

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<223> Clone ID: 700955040H1

<400> 20738

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<210> 20739

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700955041H1

<400> 20739

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 atgcttggga agtagcatgc aatggtaacc ctagaatag gagggacatt ctgacggcc 180
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<210> 20740

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<212> DNA

<213> Glycine max

<223> Clone ID: 700955043H1

<400> 20740

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 agaatgtgaa gaaagctgag gttttgtata acacaattga tggaagcaat gggttttata 180
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[illegible]

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<400> 20742

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<400> 20743

8776

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 tcagca 246

<210> 20747
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954974H1

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 ttcttttacc cagattttga atactagccg ttggatctgc catttttttc aatttttttc 180
 gaccgttgct ctgcgccggag tgaacgggaa atgtctgcgt ccgaagcgga gaagaaggtc 240
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<210> 20748
 <211> 245
 <212> DNA
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<223> Clone ID: 700954975H1

<400> 20748

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<213> Glycine max
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<210> 20750
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 <223> Clone ID: 700954978H1
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 aggaggaact cttcccatca accccaggaa agttcaagat cgagcgggtcc caccacatga 180
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<210> 20751
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 <223> Clone ID: 700954979H1
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 aacgaggggc accctgacaa gctctgtgac cagatctccg atgctgtgct cgatgcatgc 180
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06311

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8780

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<223> Clone ID: 700954984H1

<400> 20755

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ctgtgacggt tctgctgata ctgagtcaa atgtctgagt ctcttggtgt tggcttcttg 120
taatcgcaat 130

<210> 20756
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700954985H1

<400> 20756

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agatcacctt ctcccgggcc tcgacacaaa tcaccttctc ctgggcgcca tcatagatca 120
ccatcacctc ttggacgacg aaggctactc tcacctagac gacgaagatc agttgttact 180
cggcataggt caccttcaact agtacgccga ataccaccaa ccaatgtgag gagaagatca 240
gactccc 247

<210> 20757
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700954987H1

<400> 20757

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ctgattggac ttgggaggag ttcaaaagac acagactagg cgctgcccac aattgctctg 120

ccactcttaa cggcaaccac aagctcactg atgctgttct tcctcccacg aaagactgga 180
 ggaaagaagg aatagtgagt gatgttaaag atcaaggcag ctgcggatca tgctggacat 240
 tcag 244

<210> 20758
 <211> 237
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954988H1

<400> 20758

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 acatcaaaag aatcgatata catatatata tatatatatg ttccttaatt taattatata 120
 gtttgttcct ttaactatat atataaagtt tgattttgct accacgactc taggagttaa 180
 cagtcaacag gagtacttga agctgaaggc acgttatgag tccctacaac ggtccca 237

<210> 20759
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954989H1

<400> 20759

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 tcttctctct ctgttcttca ctactctca ttcattcacc atgacgaaac aacatgccaa 120
 ttggtctcct tacgataaca acggaggatc atgtgttgcg attgctggag cagattactg 180
 cgttatcgcc gcagatacga gaatgtccac cggttacaac atcctcactc gcgattactc 240
 caaaatct 248

<210> 20760
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954991H1

<400> 20760

gcacatcatgga gccatatcta agataacttgt atacatatgt ttctatatct ggtccacact 60
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 tcaagggcac acaatgcac catcaactaa ctttcacaga tgatcatgat cttgagatac 180
 cttcatctac aatctttcaa agaagaagac acttgcaaac ttcaagaatg tgattctgtt 240
 at 242

<210> 20761
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954993H1

<400> 20761

ctttctccta aaacatctcc agtgggttct tcttcttcta ttacaacaac gtcgtccaag 60
 accatgacca tggccatggc cagatcctg ctctgttca cggctcttcgc ggtttcatcg 120
 gccctagaca tgctgataat ctctgacgac aacgcccacg ccgccacgtc gcgcagcacg 180
 aggagctgat gtccatgtac gagcagtggc tagtaaagca cggcaagggtg tacaacgcgc 240
 tcggagag 248

<210> 20762
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954994H1

<400> 20762

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 ataatgcgtt tcaccatagg ccaatcaacc accatagtaa tctcctcaat agaagccacc 180
 aagaggttct ccaaaccat gactcattat tctcggacag aacaaacccc gacatcacia 240
 cctcgtaca 249

<210> 20763
 <211> 249
 <212> DNA

<213> Glycine max

<223> Clone ID: 700954995H1

<400> 20763

gccaaccccc aaactcctcc ttctcaagta gtctcatccc tcacaccaaa cataaaactc 60
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 cccaccgcga tcgcgaccat gaccacgacg acgatcacgt ggctgagcac caccaccact 180
 accaccacag acccatcaga agaaaattgg tgaacactca ccacagcggc aaaacacacc 240
 ctcttatct 249

<210> 20764

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700954996H1

<400> 20764

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 aactcagag aaacaatatg gaaacaagtt cttataatga tactactggt gtatttgatg 180
 attctggatc agaggatgat gatcataagt ttgatgttga taaaaagtac aatggtgagg 240
 gatct 245

<210> 20765

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700955002H1

<400> 20765

gaaacagatg aaagagaaat tgggtattgg agtgctgagt tgtatagcct caattcaaac 60
 tcttgagaa aacttgatcc ctctcttctc cctcttccaa ttgaaatctg ggggtcttct 120
 cgggttttca cttatgccaa caattgctgc cactggtggg gctttgtgga agattctggt 180
 gcaacacaag atattgttct tgcatttgac atggtcaaag aatcgtttag gaagataagg 240

gtacccaaaag ttcgtgattc t

261

<210> 20766

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700955004H1

<400> 20766

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aggaagactt caatgctgtc aagatgatag cacaagaagt tggcaacaac tgtgatgctg 120

atggctatgt tcccgtcatt gccgccctct gtacgtgcaa tgagaaggac attgccacag 180

cgtgggaggc tctgaaatac gccaaagggc cgaggcttat gcctttcata gcagtgaaggc 240

ccattcacat ggagtac 257

<210> 20767

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700955005H1

<400> 20767

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tatttttgaa ggacaggata cccacctggt ttgcagcttc tggatatgtg ggcttggctg 120

cgatatccat agcaacaata ccaattatct tccctcctct caaatggtag ttggttctgt 180

gctcttacat cctcgcccct gcccttgccct tctgcaactc ttacggtact ggcctcacag 240

actggagtct ggcattcc 257

<210> 20768

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700955007H1

<400> 20768

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gatcgatcaa gcatcagggg gctttgaggg ttgattctct ggtgtggtag caatcagcac 120
aatagaaaat gttttttgac ggatatggat atcatgggac atcatttgag cagatatatc 180
gatgctaccc agcttccttt attgaaaagc cccaaattga aagtgggtgac aaaattatca 240
tgcttccatc agc 253

<210> 20769
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700954965H1

<400> 20769
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ccaacagAAC caaattctgc tagctagcta gtacgtcaaa ggaaataaaa taatatggca 120
ttcagcgga cccaacagaa atgcgaggct tgcgacaaa ctggtcactt ggtcgaaagt 180
tatctgtcga tggggctgct tatcacaaga attgcttcag atgcagccat tgcaatgggc 240
ttcttgcgag 250

<210> 20770
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700955009H1

<400> 20770
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tcgcttttgc attcattttg atgttaatat ctctctctct gttaatgacc ttcttgcag 120
ctgtggcttt ctgtgtggat ctggctgtga tggaggatat cccttatatg catggcgata 180
cttagccac catggtgttg tcaactgaaga gtgtgaccca tattttgatc aaattggctg 240
ttctcatcct gggtg 255

<210> 20771
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700954908H1

<400> 20771

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 ccttcccaat ccactccaat tcaaattttct cactataaac cacttcttca aacttccctc 120
 cgcaattctt aattcattcg aaccatggca gcgtcctcgc tctgttcctc tttcacctcc 180
 aaaacatgga acccgcacccg gccgcaactca tgctatcacc acaaaacccc aagcccgcgg 240
 tattccacct ttcttcgcgg 260

<210> 20772

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700954909H1

<400> 20772

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 gttattggaa gtctaagggtt cttcccaaga tcaagaaggt ttttgagaag atagcaccaa 180
 gaaagctgcg ctgctgaggc caccaagtcc tttgatgagt caaaggagga atacaacaaa 240
 gcctttgaag aaaagaa 257

<210> 20773

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700954910H1

<400> 20773

aaaaaagaag ggagagtgta cgagcgaatt atctctctct atatatagat agataaatga 60
 taaaagcctc gaggggtccgt cccatccctg aaaatgctat gaggtggttg gaaatggttg 120
 aagtagttga ataggaggat cgctatgact atagctcttg gtaaatttac caaagatgaa 180
 aatgatttat gtgatattat ggatgactgg ttgcggaggg accgtttcgt tttttaggt 240
 tgggccggtc tattactc 258

Electronics

<400> 20774

ccttggccta ccttgccata cag 83

<223> Clone ID: 700954913H1

<400> 20775

ctaatgttcc agctatgt 258

<223> Clone ID: 700954915H1

<400> 20776

aaataatctg tatcagtgt 259

<210> 20777
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954916H1

<400> 20777

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 ttgtcgcagc atgcagacaa ataatgatgc ccaccacctg aacaagtgtg gatacctaaa 180
 agaaacaaca tacaaaaaga aatgggtgaaa tgacaggaat tagttccttc aatctaaatg 240
 cgtattaata ctttgaaca 259

<210> 20778
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954917H1

<400> 20778

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 gttctctca cagaagcacc acttaatcct aaggccaacc gtgagaaaat gacacagatt 120
 atgtttgaga cttcaacac tccagctatg tatgttgcca tccaagcagt gctttctctt 180
 tatgctagtg gccgtacaac tgggtattgtt ctggattctg gtgatgggtg cagccacaca 240
 gttccaatct atgaa 255

<210> 20779
 <211> 139
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954919H1

<400> 20779

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 gcttgcggtc agcaggaagc attggagact catgatgggtg ccagtgaagg gaagtatacc 120

attggacttg gccaaagact

139

<210> 20780
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700954921H1

<400> 20780

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agccagccac gacagggcta ctccctggga tcgggttctg tcttcttcat tgcagcagat 120
ctcactacac tgcatgcata tgggtggttg tcttggaacc tttaaaaagc cccactaatt 180
gctactcaga tgttccgcca aaaggattga ggaaacaagg taaggcagca aagaaaccta 240
gcacatcag 249

<210> 20781
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<212> DNA
<213> Glycine max

<223> Clone ID: 700954923H1

<400> 20781

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ctgctctccc tgttttggct cttgtccctg caccaagcaa gagctgcaaa gttccacaat 120
gtgagtggct tgagagggaa aagccagttg tagcaaatgg gtgcaatttg ttcctgggaa 180
gttgggtggt tgacacgtct tctcctctct atgactcttc aacatgcccc ttcattgatc 240
ccgagtttga ttg 253

<210> 20782
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700954924H1

<400> 20782

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cgcggttccga agacgaagat agtgtgtact ttgggccctg cttctcgatc cgtagaaatg 120
 accgagaagc ttctgagggc agggatgaac gttgctcgtt tcaatttctc tcatggcacc 180
 cagcactatc accaggaaac cctcaacaat ctcaagactg ccatgcacaa cactggcata 240
 ctctgtgccg tcat 254

<210> 20783
 <211> 140
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954925H1
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 ggaaattgac ggcaacgttc tcgcggcgaa gtcgctggtt cacttcggcg tgcaccacat 120
 gttcggcgctc gtggggattc 140

<210> 20784
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954931H1
 <400> 20784

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 cgccgccgtc gtttaccgag acagactttc tcttgtctcc ggtgacgtta cctacacgtg 120
 gaccagaca caccaacgct gcatcaaact tgcttcttcc atttctcaac ttggtgtcgg 180
 tctttctccc tcgatgtggt tgctgtattg gccctaatag ttccagctat gtatgagatg 240
 cattttgctg ttcccat 257

<210> 20785
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954932H1
 <400> 20785

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 acgaaagcgc ggcggcgcg acggtggagg aggagaacaa caccgccctg ttcggaaaat 120
 acgaggttgg aaggctccta ggatgcgcg cgttcgcgaa ggtgtaccac gcgcgcaaca 180
 ccgagactgg gcagagcgtg gcggttaaag tcataagcaa aaagaaacta aactcgtcag 240
 ggtagcttc caacgtg 257

<210> 20786
 <211> 135
 <212> DNA
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<223> Clone ID: 700954933H1

<400> 20786

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 gcttctgtct cggtt 135

<210> 20787
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<223> Clone ID: 700954934H1

<400> 20787

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 aagatccagg acaaggaagg tatccccccg gaccagcaac gtctcatttt cgccggatag 180
 caacttgagg acggccgtac ccttgctgac tacaacattc agaaggagag tactcttcac 240
 ctgctcctcc gtc 253

<210> 20788
 <211> 137
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954939H1

<400> 20788
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 aagaactgga gtcttggaag ggacaaagaa cccttaagat ttctgatttg gaaataacag 120
 gtgatgggga acacatg 137

<210> 20789
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954940H1

<400> 20789
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 aacaggaaca tgggtactct aacaactgtt cctgtgctcc cttctaagct taacaagcct 120
 tcgctttctc cgcgtcacia ttctcttttt ccctactacg gaagacgcgt cgggaagaag 180
 aacaagcaat ggttcctgtt gctaggttgt tcgggccagc catatttgaa gcctcaaagc 240
 ttaaggtttt attc 254

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<223> Clone ID: 700954941H1

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 atcaccatca ccggc 135

<210> 20791
 <211> 253
 <212> DNA
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<223> Clone ID: 700954947H1

<400> 20791

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 gaagttttat ccaatcttat cagttgtgtg gaggaatctg gtgcaaaata tgccgttctt 180
 tatgtgtcgg atccctccag gtcaatccag tacccttctt acagggatct gcaaagattt 240
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<210> 20792
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954948H1

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 ccatgctgga gaatacaaaag gggagcacca tggatgaacac agtagtgagt acaaaggaga 180
 gcatcagggtg aacacaaaagc tggagagtac catggtgagc acaagccaga gcacaaaagag 240
 gggttcctag acaa 254

<210> 20793
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<223> Clone ID: 700954949H1

<400> 20793

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 catttgttct tccgtatgca tgttcccacc gtctaagaaa cctagcagag caacaaaacg 120
 gcgtcatgct tg 132

<210> 20794
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954956H1

[illegible]

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<211>	258
<212>	DNA
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<400> 20795

<210>	20796
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<400> 20796

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0937

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<400>	20799
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8796

<210> 20800
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954878H1

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 tttgagaaca attacaggaa agactgaggg cctactggac ctaacagtga tagagatatt 180
 gtcaaggcat gcttctgatg aggtctacct tggcagaggg acaatccaaa ttggactgat 240
 gacacaaagg caattcaagc c 261

<210> 20801
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954879H1

<400> 20801

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 gtatgattca cgcgtcggtg ccaaagcca agaccggctt tttgagaaaa gaatcactgt 180
 ccactgtgac cttccaggac tatggagtaa ctaacagcta taccgcacac cgtatttggt 240
 agacataatt cgtgaaaatg tgg 263

<210> 20802
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954880H1

<400> 20802

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 ccgtctgcgg cattgctgtt taaccacctc aaaggtgcag acccggttctt cctgctagcg 120

ggtcctaattg tgattgaatc agaggagcac attctgcgga tggctaagaa catcaagact 180
 attgcatctg aagttggaat accgttggtt ttcagtcaag ctttgacaaa gctaaccgaa 240
 catcatcaaa atcatttcgt ggccc 265

<210> 20803
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954881H1

<400> 20803

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 ccggccactc ctctcgccgg cgagccctta ctcttccctc ctccgtcgag cctctctcga 120
 ttcgaatcgt tcccagcctc gcaccaccat gaatcccga tacgattatt tgttcaagct 180
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 tcataccttg acagctata 259

<210> 20804
 <211> 269
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954882H1

<400> 20804

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 cctctattcc tttctctgag tatgaaattg actacatttc caagcttgat ccttttaggg 120
 atgctgaggc tttgagaaac gagcttcctt cgtcgttgag ggagtcaccc attcgcgttc 180
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 <212> DNA
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<223> Clone ID: 700954883H1

<400> 20805
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cttccccatc cttggctggc aaggccgtga agctgggccc atcagccccc gaagtcggga 120
gggtcagcat gaggaagacc gtcaccaagc aggcctcctc cggaagccca tggtagcgcc 180
cagaccgagt caagtacttg ggcccattct ctggcgagcc cgcctctacc tcaactggcg 240
gttcccaggt gactacggct gggaca 266

<210> 20806
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700954884H1

<400> 20806
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cttttcttgt ggttttcttg gaaatgttgt ttcaaagtct agtcctcttc catatgaagc 120
tatttttaac tttggtgact ctataagtga tactggaaat gctgctcata accaccacc 180
tatgcctggc aatagtcctt atggttcaac atactttact atccttctgg acgtatgtca 240
aatggacgac taatcataga ttttata 267

<210> 20807
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700954885H1

<400> 20807
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caaaagttaa gtcctatcaa gtaaaactgc tactgcagct ctagctttta aaggtacaat 180
attaggaata aaaccatctc ctgtagtggc agcattttca caagagggcc taattttctc 240
agccttgaaa ttctgaagcc tgacttag 268

<210> 20808

<211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954886H1

<400> 20808

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 tacgtcatgc agcgcaggtc atgtggctga agacatgttt cactggcaag ccacgatcat 180
 gggacctgct gatagcgcat atgcatgtgt gtattcttag tgtcaattca ttttctctct 240
 gactatgcct t 251

<210> 20809
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954887H1

<400> 20809

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 acaaaagaaa ttgtgttcgc ttggtggtgt ttttctgtgt gattctgtaa ttttaattgct 180
 cagggtgtagt cccattaggt tgcaaagact cttttcatta gctgttctcc ttttcatttc 240
 caaagctggt aggggg 256

<210> 20810
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954888H1

<400> 20810

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 taattgagca gggcaaagct gtaggtgtga ggctttcaaa tggcagagag ttctttgcca 180

002260" E.T.F.560

aaactataat atcaaatgct accagatggg tacatttggga aagttactga agggcggttcc 240
acttccgaaa gaagaagag 259

<210> 20811
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700954889H1

<400> 20811

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gtgtacttcc tcttttgtgg gtagattcaa tttaccatgt cgagttcatc ggaataactct 120
caattttccg gccagaaacc ggcgaggctg ccggagaaat cgagcttctc tcagacttgt 180
agcctgttga gtcaatacat caaggagaag gtagcttcgg agatcttacc ctcggaatga 240
catcatgtgg gtcacctg 258

<210> 20812
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700954891H1

<400> 20812

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gattatatta cgcagatcga aactcccccc aacggtgtgt tgaagcgcac tttgcaattt 120
caataaataa ataaatggga gaaaaatcga ggtccaaagg agggtgctgc ggttggttca 180
tcgcgttcgt cattctggct ctgcgtcgtc tgccattgtt tttaccgtta agaagaaatt 240
tagtcactcc gggtccg 257

<210> 20813
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700954892H1

<400> 20813

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 aatgaacgtg tgaggcttgg aacaaaagtt gaatcacggg ttcagcaggc agaggctaata 180
 aggatgctta ttctcaaggc tctcaggcaa gaagggcttc tcatagagaa aggtcatctc 240
 agacattgat gagaaggat 259

<210> 20814
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954893H1

<400> 20814

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 gttaacaaca ttacgaaga agaaagaggt ggataccatc atcagagaca cctttgataa 180
 agttgtggtc ctccgctttg gtctgacctc gaccttgtct gtctccagca agatcacatt 240
 ctttctaaag cagcaagg 258

<210> 20815
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954894H1

<400> 20815

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 tcaaccccg c tactgaagac atcatagggc atattccagc cgctactaag gaagatgttg 180
 accttgcggt ggatgctgct aaaagagcct ttcccataac aaaggcaaag attggtcttc 240
 agctcctggc tctgttcgtg ct 262

<210> 20816
 <211> 260
 <212> DNA

<213> Glycine max

<223> Clone ID: 700954895H1

<400> 20816

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agttggtggc atgttgggac taggaggagg attcgttatg ggtccacttt ttctggagtt 120
gggagtccca cctcaggtgt caagcgcaac agccaccttt gcaatgacct tctcctcatc 180
tatgtctgtc atagaatact acctgttgag agttttccag ttccttatgc tctttacttc 240
attcttgtgg ctactattgc 260

<210> 20817

<211> 207

<212> DNA

<213> Glycine max

<223> Clone ID: 700954896H1

<400> 20817

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catcatcatc accgttgatt gaagaagatg ccgattcagaa acatcgccat cggaaggcct 120
gaagaggcta ctcaccccca cacgttgaag gcgggggttg ctgagttcat ctccaccttg 180
atcttcgtgt tcgccggttc aggttcg 207

<210> 20818

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700954901H1

<400> 20818

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gaactgaaca acaacaacaa caacaacagg gccacccgta cagaccacc tccaaagaga 120
tcatttttat taccaatttt ccgatttcac agagaaaatt ctttgtgggc atctcttcaa 180
aatgtcaag cttcccaaca cgggtggcga aggccgcagt ccggcaaggc accggaaaat 240
ccacttttct cagacttgc 259

<210> 20819
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954902H1

<400> 20819

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 aacaaagttc ttttgctcct caccttattg ttccttgagg tggatgccaa atacaaaaac 120
 aagaaagaca agaagaacag tgtttttcat aagattccca aatttcacaa atttccagtt 180
 cctatcattg gaggtgacca gaaagttggt gtggatgggt gtaataatgc cattgccaaag 240
 cccgattttg gaaacaaac 259

<210> 20820
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954903H1

<400> 20820

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 aacccaatga gggagataaa agtgcagaag ctggttctca atatctctgt tggcgagagt 120
 ggagatcgtc tcaccagagc cgccaagggt cacttcactc attgctcccg cttttttttt 180
 tttttaattt aaatttctgt ttttcttctt gcagggtgtg gaacaactta gtggccaaac 240
 cccagtgttt tccaa 255

<210> 20821
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954904H1

<400> 20821

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 catgactcca cctaaagaaa tttcgaccgt catttatcac aatggtcaca taccagacaa 120

cccagttcag ggatcgggtgt acacatgtgc aaacctaata tttatttacg ttagtcgttc 180
 tattacgtta acataattga ttcggaaaat taacaactgt ctccctactc gagcaactga 240
 aaaagtttct caatta 256

<210> 20822
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954905H1
 <400> 20822

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 ttcggttatc cttcacaatc atctcttttag tctttatcaa atggaatatt catttaaaaa 120
 tggaatattt actaaaaaaaa tttactaaaa tggaatattt ttttaaaaaa atttatcaaa 180
 tgagatagat tttgaaaaaa tattcattta aaaataaatc gtaaattgaa ccacgactgt 240
 gtacatatag 250

<210> 20823
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954906H1
 <400> 20823

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 cagctggtag cctttaccaa gactttgaaa taacatgggg tggtgagcgt gccaaaatct 180
 atgaaaatgg aaatcttctc accctctccc tagacagagc ctctggctct ggctttcgtt 240
 caaaaaaga atacttg 257

<210> 20824
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954877H1

<400> 20824
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 tgcagctttg gttaatttcc aatatggtgt ttctctcctt atctatcttt gctttactca 120
 atcttgcagt ggtggcaacc catgcagaaa ccttgceccc tgaagtttac tggaagtcga 180
 agcttccac cactccaatg tcgaaagcca ttcagatata cttcacccag atttggcaga 240
 agacaaaagc acctctgtgg c 261

<210> 20825
 <211> 269
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954847H1

<400> 20825
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 gacccacgc gtctcttaac cctaattcag tacttgatgg atcaatatgt gctttatcag 180
 atgaagctcg tcggagaagt tgacgacgac cggttgactt cgaaatcagt actatcttgt 240
 ccagggaggg aatagaaatg catatgagt 269

<210> 20826
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954849H1

<400> 20826
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 gataccattg agacagaatc acttgccaag attgttgggg aattaagcag agcaacagag 180
 aagctttcac aaggactaga tcttcttaca aaggagtcga tagctttttc caagtgttct 240
 tgaccggtcg tg 252

<210> 20827

<211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954850H1

<400> 20827

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 aattgaccga gactctgata ctggtgctac cgtggtggag ataacttttg gtgatcggct 180
 tggagcactt cttgacacaa tgaatgcata aaaaacttag gtctcaatgt tgttaaggca 240
 aatgtctttc tggattc 257

<210> 20828
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954851H1

<400> 20828

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 agtgtgaatc gagctgcaat cctaacatgg ataatgattt cgttcttgaa tattgataac 120
 ctagtccctt ggagtagtgt taatattctt tttggcagtg aacagatagt ccactgtcaa 180
 gttacctagt taatgatgtg aaaggtttat ttgatccaaa ggaatctacc aaagtgtga 240
 tagtgtggag t 251

<210> 20829
 <211> 115
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954852H1

<400> 20829

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 tgacccatgt tgtgatgatt ggtgagccag gactccttac catcatcacc aatca 115

<210> 20830

<211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954853H1

<400> 20830

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 acgccattca atttgctctc ctccaatcc cacagcgctc cctccaccgt gacaatcact 120
 cactctccac tcatcatgat aagacagacg cgtgagatac attcctctca gagcgcgctg 180
 aaacaccccc tctcgagca gcaacccttc cgtcgtgccc tgtcccttca gaaccaaact 240
 cttccttctc tcaacttg 258

<210> 20831
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954855H1

<400> 20831

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 actcaccgat ctccgattc cctttcgtct tgggttatga gtcgaagga gagaccact 120
 cttagtggca cgcggattaa gaccgcgaaa cggaatattg actgcgccgc tggaccctgc 180
 agcattctcg gatgcagtgg tctagattta tctgataatg ctggtgatct ggaacttatt 240
 gctaatagcg attg 254

<210> 20832
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954856H1

<400> 20832

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 atatggagga aacgcgtcac cgagtcttcg aattcttcag aacggcctgc agattgttac 120
 cctccgatat ggcaatctac aacctctacg acgtcgtttc cgtctccgaa ctccgctcct 180

ccgtcgcttc ccagatccgc aacaacatcc acgtaccgat cccaaagtga tcgatatgct 240
gcttttccag gggatggac 259

<210> 20833
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700954857H1

<400> 20833

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cacctcagta aattgcaatc aactctatct tcggttggtt tccgcctct tgatcacgct 120
gctacgcaa tgaaggtctc aaataacaag acattgcaa agcctagcat cagtgagaac 180
gtctcttgct tactatctat gacaaattct actcgtcttc aaagaaattg gatgctggga 240
agacaccttc gtcattgctt tttgg 265

<210> 20834
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700954858H1

<400> 20834

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ttgttgctct ttacactgct cctcttcgga accttagctc tcatccaggc gaagaaatcg 120
aaggaggatt tgaaggaagt gaccacaag gtttactttg atgttgagat taatggaaaa 180
gtagcaggtc gtattgtgat gggctctttt ggaaggctgt tccaaaaact gcagaaaact 240
ttcgagctct ttgcactggg ga 262

<210> 20835
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700954859H1

<400> 20835

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aattctagtc cttctctact tttactctca ttactttctt gcaagtggag ctgctcatat 120
tggtgccatg tttactgcat ttttgtctgt tgccactgct ctggggactc cgccattctt 180
tggagccata gtgctgtcct tcctctccaa cctatgggtg gccttacgca ttatggaatt 240
ggatcagctc ctgtgttttt 260

<210> 20836
<211> 264
<212> DNA
<213> Glycine max

<223> Clone ID: 700954860H1

<400> 20836

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agactcttgt ctgagtctgc gcagaatccg aatgttttaa tttgcacacc caactttact 120
attggctcaa gtaggagttg caattttgtg ttgaaggatc agactataag tgcaaatttg 180
tgcaagatca agcacacgca ggcgcaggga agtgcggtggc tgtgctagaa agtatgggta 240
gcaaaggatc ggtggtagtg aatg 264

<210> 20837
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700954861H1

<400> 20837

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tattctgttc tcaaattctga actcctccac gaccctgctt ttgagttctc cgatgattct 180
cgtaattggg tcgaccggat gctggactac aatgtccggg aggaaagtgt aaccggggac 240
tgtcagtaat tgatagctac agatt 265

<210> 20838
<211> 263
<212> DNA

<213> Glycine max

<223> Clone ID: 700954862H1

<400> 20838

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 gctcatgcca ctttctatgg agggagtgat gcctctggga caatgggtgg ggcatgtggg 180
 tatgggaatc tctacagcca agggatatgga acaacactgc tgctctaagc actgcactgt 240
 tcaacaatgg cttgagctgt ggc 263

<210> 20839

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700954863H1

<400> 20839

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 ttttattttg cttctcttcc ttggagaaga gttttgcctt tcaaacaaca aaggaggaca 120
 cagaaagcaa caatcttcat caatatactc atcttggtca cctcagctca ctcttctctt 180
 catcttcttg cagctcttct gccaaaggtc ctaaagaaa gcattcattag aagtgtgaca 240
 caaacatggg ccatgctccc aactga 266

<210> 20840

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700954865H1

<400> 20840

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 aaacaagaag aatacttttg aggctccaaa tttatgaaga ttggagatct caaagggtcta 120
 ttccggaactt taatgggttaa catacatatg ctgagaacta aatggaaagt gctggatgct 180
 tcttatggaa ctggaacagc taatactgct ctctatatca ccatgggaaa cttctagcac 240

tctcagaagc agataaaa

257

<210> 20841
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700954866H1

<400> 20841

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atctttcttt tcaagaaagc atagatgata atgatgattc tgatgaaggg agagatgaag 120
ctggaaaacc ctgtttttct tcaatagaaa gaagtgcctgg ttttctagat aggggaacttg 180
cttactatgg ctttactaga aagaatgaag aagatattaa aggttcattg aaggcggggc 240
cagaagtgat acaaattcag atagtga 267

<210> 20842
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700954867H1

<400> 20842

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agcccgaccc ctccgccgcc gtctccttca gcatatggcc cccactcag cgcacccgcg 120
acgccgtcgt caaacgcttg atcgagaccc tctccgcccc ctccggtcct ctccaagcgc 180
tacggcactc tctcctccga cgaagcctcc gccgccgccg acagatcgag gacgaggcct 240
tctgcgccgc caccgcagcc tccgctt 267

<210> 20843
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700954868H1

<400> 20843

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 agatttggag gaaaaccaa tacaaatata ggccaggctt tcttaagtgc ctggactcaa 180
 gcatgtgcat caccaactgc tgtcaaaatt gtgattcagc tggcacatac caaatgggtg 240
 cagttgatgt caaaggctct tgcaa 265

<210> 20844
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954869H1

<400> 20844
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 ttaacttctt catgagttgg agttcagcag gtatgttatc atttaattctt ggtcctgagg 120
 gtaaaaataa aaaggaaaag ttaagaattt ttaagaaact aggggaagtct aatagaaacg 180
 taaggagtcc ttattttaca tatggaataa gatttactta tgttatgttt gggctagaga 240
 cttcttaatg ttctctagca tatgtg 266

<210> 20845
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954871H1

<400> 20845
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 aggaggaaac aggggggcaag aggcattgct gctgttgatt ttcgaggta cctgttgac 120
 atgatcaaaa ctggaggact gctcacagca gggctcatct taggtactga cctagcagaa 180
 agcatatgtg taatgggcat tagcatgaac taatgaccta cttcgttggt actttgactc 240
 ttccttcagc tga 253

<210> 20846
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954872H1

<400> 20846

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 aaaccgcaac aaacttttct ctctttcggt cacacactta ttctctggct tctttttctt 120
 cttccatttt cgcttctcgt agcattttcg gaacactcat ggcttccatt gccggatcca 180
 gctgcgtcgc tctccgaacc gccaatctcg cccctccgat aaccggaaaa tcggtcagat 240
 ccggcaatgg tctccaat 258

<210> 20847

<211> 240

<212> DNA

<213> Glycine max

<223> Clone ID: 700954874H1

<400> 20847

aagagagaga aagagataac agagagaaaag aatgaatgag taaaataatc attcactctg 60
 tttctattct tctttctacc atagcataac tatgatatga acaccatata ataattaaca 120
 acaataattt aataatactc tcttcattgt aaattccatc ttcacttcac ttctcttctc 180
 tgttctgtgg agtatattaat catttcgtaa cacatacttt tcttttcatt ctctcaaatt 240

<210> 20848

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700954875H1

<400> 20848

gggttattga gtgcggcggg ccaaactc ttctctgcag cttttgccta caactccctt 60
 caccatggct gaacaaaccg agaaagcttt tctgaagcaa ccaaaagtgt ttctcagcac 120
 aaagaagact gggaagggaa agagacctgg aaaaggtggg aaccgcttta tggaagtcca 180
 ttgggcttgg atttaagact cccatggaa cctcgaagga acctatattg acaagaagtg 240
 cgccttcact ggc 253

<210> 20849

<210> 20852
 <211> 273
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954816H1

<400> 20852

cgcaaacttc aacttgtaat caagggagag agaaatttc aagcacaaaa aatggcggag 60
 aagaaagtgg tgatcctagg aggtggtgtt gccggtgcc aacttgcaaa aactatacaa 120
 cgtcaagcca acgtcaccct tattgatccg aaggaatatt ttgagattcc atgggcaagt 180
 ttgaggggat tggttgagcc aacttttgct gaaaggatag tgacaacat agagagtact 240
 tcaaaaaggg taacctgtgt gtatccagt ctg 273

<210> 20853
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954817H1

<400> 20853

attcttcccc ctccaccac ccagcatatc tctctactcc tatttattag caccctcac 60
 attaccttgt gtcaccaact actttgactc ctttaccata ccattacaat aattatcaaa 120
 cctaaccagt aaaaatggtg accgtggagg aaatccgcaa cgctcagcgt tcccatggac 180
 ccgccaccat cttggccttc ggcaccgcca cgccgtccaa agcgtctccc aagccgatta 240
 ccctgactac tacttccgca ttaccaac 268

<210> 20854
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954821H1

<400> 20854

agaagacagg ttcaaaccgg agcaaaaaaa cttgttacga tggtttcttc cgacaaggat 60

002260"ETTES60

ccacgacatg aagtccttca aacatggtac atggatgata gtgatgaaga tcaaagactc 120
 cccaccaca aagaacccaa ggagtttgtc tcgttggacc aacttgctga gcttggagtc 180
 cttagctgga aattagatgc tgataaccat gaaatgatcc agagctgaga aagattcgtg 240
 aagagcgtgg ctacacct 258

<210> 20855
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954822H1

<400> 20855

aggttgcaca gatagtcaact actcactcac gagcatgcac gtcacttaaat aatgcactca 60
 ttgatggtac tccaccacct tagctttcaa cacgggttcg acagaggcac tgtgggaact 120
 ggggtggctga gattagactc ccgaagaacc ggaccatgct atcgctggga accttcgaca 180
 ccgccgagga agccgctact ggcgtacgac aaggccgcgt caagctccga ggtgacttcg 240
 ccaggctcaa cttccccaac ctccgaca 268

<210> 20856
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954823H1

<400> 20856

ttagaattaa aaagcgtgaa ggacagtgat aggtttggtt tggaaggaag aagaaaatga 60
 aggccatagt gataacgagg ccaggaggtc ccgaagtgct ccaacttgag gaagtgggaag 120
 atcccctagt cggagacgac gagcttctca tcggagtcca cgccacttcc cttaacagag 180
 ccgatacctt tcagaggaaa ggctcctacc ctccccaag ggcgccagcc ttacctcggt 240
 ctcgaatggt ccggaactgt cct 263

<210> 20857
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954824H1

<400> 20857

cagactcagc tcctatctct tgttttaaaa taattagcat ttgtgaagat tattttcccc 60
 taattgtgga gagaatagcc ccctaggcat tggactcgtg tgtcagtgtt gcaaccaagc 120
 aaccttagct atgtctctcc ttgttaattc tcctctgctg ccaactgcaa gtactcggcg 180
 gttgaaaccg aagcaagaag ctaggttttt gtcacacggc caaccataat aggaggagga 240
 atgagcacia acatcttttg aactgcg 267

<210> 20858

<211> 268

<212> DNA

<213> Glycine max

<223> Clone ID: 700954825H1

<400> 20858

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 gctgtatccg atgatgcttg agagccccga actgcgctgg tctttcatca gaaaagtata 120
 ctccataatc gccatacagt tgctcgtaac catcgctcgc ggcgcgctcg tcgtcaccgt 180
 ccgcccaatc agcgtcttct tcgccaccac cggcgccgat tggctctcta catcgctctc 240
 atctttgtcc ccttcatcac attgtgtc 268

<210> 20859

<211> 268

<212> DNA

<213> Glycine max

<223> Clone ID: 700954826H1

<400> 20859

gaaatgcatg ccaagacaga ctcgaggta acaagcctgg atgcgctcgc cagcacaagg 60
 tctcctcggc gagcagtgtg ctacgttcag agcccttccc acgatgggga gaaaacgacg 120
 acgtcgttgc actccacccc tgttctcagc cccatggggt cccctcctca ctctcactcc 180
 tcctccagcc gcttctccgc ttcacgccac cgcaataaca taataataaa tcttgggaagg 240
 gcatcgacgt catcgaagaa gaggggtct 268

gttccttttaa gagaagtctt ttaagaccaa cttctcccaa gtcccctgtt gcaagtgcc 180
 gtgcctttga aagtgtagaa ggatcagacg atgaagataa atgacaggcg aagttaaact 240
 ggatactacg tatctgcaca caaatgggac 270

<210> 20863
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954832H1

<400> 20863

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 aagtgtttgg aatgatgctg tcgaatctta aggaaattgc ggagaagaat ctactacgg 120
 cagttgttga ttgttgcat ggaatcccgg tttatttcac tgatctgcag agaagggcgg 180
 tgttgatgc gccacaatt gctggtctgc acccgcttcg ttgattcacg aaatgactgc 240
 cactgccttg gcctatggga tttat 265

<210> 20864
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954833H1

<400> 20864

ctcacttttt tcagcttctc taaattctct gtctacttca ccaagcactt ttggttgcag 60
 ctttggttaa tttccaatat ggtgtttcct ctctatcta tctttgcttt actcaatctt 120
 gcagtgggtg caacccatgc agaaaccttg cccctgaag tttactggaa gtcgaagctt 180
 cccaccactc caatgccgaa agccattaca gatatcatca ccagatttg gcagaagaca 240
 aaagcacctc tgtggccgta ggaaag 266

<210> 20865
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954834H1

<400> 20865

cgcaatgaag agacaagcga cggggatcac aagggttaaca tcaccagcaa gaaaaagaag 60
tagggcaaga tggtaattgg tggaggatgg agtggttaaga acgacttgga gagtttgaag 120
gagatcatgg atgagttcat gaggcagcag atgcgaatgg aggcacagtg gatggaagcc 180
tttgaggcaa gagagaatga gaggaggctg ccgagatggc gtggaggcag accatggagg 240
ctttggagaa tgacaggtt 259

<210> 20866

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700954835H1

<400> 20866

ctcgagacgc tcgagccgcc atatttatga tcattacttt ttgagcagt caacagatat 60
ggttgattaa acacctgtta tgtatagggt atgtacagat aacagtgatt cttacttctt 120
cctcaacaag gtaacatccc atttcccaat tccatctggc aacaacagca actacttcac 180
ttgttgtag atactcattt catttgaagt tggctagaa tggatggagt ggacctttgt 240
atg 243

<210> 20867

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700954837H1

<400> 20867

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tttaagtatt aagggtgtctc ttctctctcc cggaagttt ctccgtcggc ggtggtgatt 120
gaccggagtg ccatggagtc tggacggatt ttctttggtg cctctgcttc aagcggcaac 180
aacatgctct ttctcggcaa cactgaactt cttatcgagg gagatcgatt atgagcatgg 240
atgaagcctc gaaga 255

<210> 20868

<211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954838H1

<400> 20868

ctgcctcttc aatgatgcag aaacgtgcat gtggaaagtc tatggggcta ctgatgaccc 60
 ttaaagacgg tacctggcgt gatgcatgtg atggcctcgg catttccttg ttgctgacat 120
 caatccctgg atttcagtat acggtgttgt agcagctgag tcaacgatca ctgagtgaat 180
 atacacccca atgctgctac atgctcatct gagcatcgct ttccgcgtat atggtcattc 240
 ctttacgtgc aattt 255

<210> 20869
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954839H1

<400> 20869

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 ggcgcgcgacg atgccaaaacg cgacgacgac atggctcccg agtcgggatc ctacaataac 120
 cccttacaac tggtgaaaagt ggacaactag gtggatgggtg aggaagggca tatgtatact 180
 ggcgtcagtg caagatttgg gtctgtgttg ccgggaaacc tgacaacagt gtgaaaactc 240
 catcaatatt cgctg 255

<210> 20870
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954841H1

<400> 20870

cattcagctg cacaaagaat cccaaagtag agaaacagca cactctcacc tcaactcatt 60
 gtccttgтта tatttgtttt atatcttgtc acaatctgtg actgttcgag ttatccgagg 120
 cccctctttt atatggctcg tgataaaatg gcttcgaccc ttttaacaaa gatgcttttg 180

ggtcaccgat tgatacacc ttcttcgttc ctactccca gccacagatt ctctcttctc 240
tattcagtaa acggctgttt tgtatac 267

<210> 20871
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700954842H1

<400> 20871

aattaaatta gtggtaagg ttgttgagg agctctaaca agagatggag acacaaaatt 60
ggttcgaaag agtgaagcct ttagcagctg tggatcaat gcagtttga tatgcagcta 120
tggatgttct atccaaggct gcaatgaaca aagggatgag caactatgtg tttgtcgttt 180
atcgatcatgc tgttgcatte tttgttatgg ccctttggca tggttttttg acaagaaagt 240
aaggccaaag atgacattat caatt 265

<210> 20872
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700954844H1

<400> 20872

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attttcttta caccgtctgg aatcatccat tgatttcaat ccaaagcacc aaatccccaa 120
agcaaaagtg ctactgtctt agaaagagag agagagagac tgcgtttgac gccaagagag 180
agaaaaaatg gtgaacttca tgttgatgat tagtgcgacc ttgagaacct caccaatctc 240
caaccccaag gtggctgcga cgaccct 267

<210> 20873
<211> 270
<212> DNA
<213> Glycine max

<223> Clone ID: 700954810H1

<400> 20873

aattcaactt aagagatcaa tatggccacc accactaccc agcctcctct aatatctgtt 60
 ttttccttct gttgttgctt ctagcacact ttcatttggg cataagccaa cttgagctga 120
 attactactc taaaagctgc ccaaagctg aagagatcat caaggaacaa gtcacacaac 180
 tatataacaa gcatggaaac actgccgttt cgtgggtcag aaatctcttc cacgattgcg 240
 tggttaagtc 250

<210> 20877
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954777H1

<400> 20877

gtttcctagg accatgtcca gtgttgctgc ttccttttct ggactgggaa tggctgcagg 60
 aaacttggtg tctagttttg tcttcagcgt tgtacaaaat gctacttcaa gaggggggaa 120
 agaaggttgg gttttggata acattaacaa ggtcgttat gacaagtact actgggttat 180
 ttctggactc agtgctctta atatagtga ttatctaata tgcagttggg cttatggacc 240
 taccgttgag 250

<210> 20878
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954778H1

<400> 20878

cttcccctat ggctcgtcac tccttgctct tagccctcct cctcttcgcc gccgtggcca 60
 ccgccgcgat ggcggtggcc gcgtccgacg ccgacgacat cctgatccgt caggtggtgc 120
 cagatgttgg cgaaccgaag aggaggacaa cctgctgaac gccgagcacc acttcgcgag 180
 cttcaaggcc aaactcgcca agacctacgc caccaaggag gagcacgac atcgcttcgg 240
 cgtcttc 247

<210> 20879
 <211> 224
 <212> DNA

<213> Glycine max
 <223> Clone ID: 700954779H1
 <400> 20879
 ttctactgcg ttatataaaa aggcgtggct ttggtcggaa gtaaaggga gaaaggtgta 60
 tatataatat catatcaaag catcaatcaa ataaatggca actgaacatg aagacgattt 120
 caaggatgag aagaatcccc gccccctcga cgaggatgac atcgcccttc tcaaaaccta 180
 tggtttgggg ccttattcca ccagcataaa aaaagccgag aagg 224

<210> 20880
 <211> 251
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954780H1
 <400> 20880
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 ttttctctaa attggtttct gggtaatcct tgttcatagc ttttggattt tcccatcaag 120
 cctccttttt tggtgctagg gcttcaacca cacattgggtg gcagtgctga tttatcacta 180
 tttttattaa gctatgaact ctccaattca tgcccttctc tcatcggcat cttcttcctc 240
 ctatatgctt c 251

<210> 20881
 <211> 264
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954781H1
 <400> 20881
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 gacattccaa caacagcaac atagattggg ggtgcaacca aaccccatc cccgagccat 120
 gcagatacta cataaaacac agccactacc aacacaaaca actcaaacac aaatccgaat 180
 tccgcacaat tctagttccc ttggccttgg agagagcagt gatcatgcga aggaaagcac 240
 gtgagttggg gggaaacggt gtca 264

<210> 20882
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700954782H1

<400> 20882

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aaacaaaaac cgtgtttatg cttcagccct tcatcatata gatctgcctg aaaaaaaccc 120
ttgcgatcag atccagccca attaatctct ctctctagaa tgtcttccca gcgcgcagat 180
ctagagtgcc ggatcttccc ggagcccgaa atcgaccact tcgaccggct accggactcg 240
ctctctcttt tggttttcaa 260

<210> 20883
<211> 258
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700954783H1

<400> 20883

cacgtgtcaa gccaatggt gtggttgccc aggatggcac tggtcagttc aaaaccgttg 60
ccgatgctat tgcttcttac ccaaaggata acaaaggtag atacattatc tacgttaagg 120
ctggtgtcta tgacgagtac atcacggttc ccaagagttc aaagaacatt ctcagtacg 180
gtgatggccc tgctaagacc atcatcaccg gtcgcaagaa cttcgtcgat ggtgtcaaga 240
ccatgcaaac tgncaactt 258

<210> 20884
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700954787H1

<400> 20884

gttgaatcgc gtctaataag caggttctga gatttataag ctttcatctc agacagggtg 60
tacataatat ctgatggata taagtactct caatgctgta cagattactg tgctgggatc 120

cgcgttttgt gttatgcttt ccatgcattt cagcagcag ttaatgtctc agcatctctt 180
 ctattggaag tgtccgccag agctagagge tattatcatt atcatcctta tggctcctat 240
 ctatggagct gtctcc 256

<210> 20885
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954788H1
 <400> 20885

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 gcatatgaat gccatggctc agactaccag aagttccctc tccagatgaa aactgggttt 120
 ggtgggcaat acagcaatga ggtggcatgt gccagttgga ggcttgacgt ggaagcaaac 180
 aacgtagtca agtggcaaac tgttctctgca gcttgccgag agtacatagc tgactacgtt 240
 ctatgatacc aatata 256

<210> 20886
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954790H1
 <400> 20886

cctcagcagc ctaccgacac tgaaaaccag agaaaagaaa agcacctttt ttccgccatt 60
 attgaccctt cttgaaaact ggtcatcaat ggtgatgaag gactcatctt gacaccaccc 120
 cacttccaaa ttgatttgga ttagttgtgt tggacttgga tgctgctgct catacagttg 180
 atccacaaat gagattccac cttgcattgt ttctcttttt ggcttctctt caagccactt 240
 taagtcaaga ta 252

<210> 20887
 <211> 253
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954791H1

<400> 20887

cttttctaac cgccacttca tcacggcaag catatgcctt ctaatattct aggaaacctt 60
 cgctaataaa tteccctctt aacccctcc cccctttttt ttgtaccttc atcatcatca 120
 tatttcatat cacaccaacc cattttaatt tgcatttgat cttcttcata gacatatata 180
 cactatcata atattagttt cttccttaaa ttttggttgt ttttaacgtt atgaagtttg 240
 ggaagagact caa 253

<210> 20888

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700954792H1

<400> 20888

ggattggtgt ggatgaagga caatgtgatg gttgcataaa atctggtggg agatgtggac 60
 acaacgtatc taaggatgca tttacgtgcc tctgtcctaa tcagcaatct tatgatgagg 120
 tttgtagcaa aagccaaaca agttctcct tagcagcacc aacgcctaaa ccaacaccag 180
 aacaggaact gtcacccctt tttggtccaa aatttcaaga aaagtctcca catgctccga 240
 atccgcggaa gt 252

<210> 20889

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700954794H1

<400> 20889

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 acaaaactct tcaaaaccca catccaaatc gtcgtaaagt tcaaattctt gatactcat 120
 ttcgatttag acctatattg ttcccagcaa caggcttcca ttaacttctc tctgcggcga 180
 tggctcttgaa gtcaatggtt gcttccgcga gcgatctaag tctcgtgtct gttgcaggga 240
 actctcccct tg 252

<210> 20890
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954801H1

<400> 20890

aatgaaacca attctcactc ctcaaattctc aaacaccctc tccaaccctt ctacatgaaa 60
 acctgtcacc accacttcac agccttttctt tcaactcagtt cacaccagca agcccgaaaa 120
 tgggtgctgac atgctcattc aagctctcca acgcatgggt ggtgggatta ccaatgtctt 180
 tgcctactcg ggcggttgct ccatagatat ccatcaagcg ctaaactc caatatcaga 240
 atcattgtcc cgtggcactg acaaggcaaa g 271

<210> 20891
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954802H1

<400> 20891

agttcatcag atacccttca gaatgtagg gcaattcccc caacatgcaa gcgcatagag 60
 tgtcccagct atgatgtcat tcacttttggc aacggctacg aaatccgtcg ctataattca 120
 cccgttttga tttcgaacag cccatttcta gacatttctc tggttgaagc cacaagaacc 180
 ggcttcagga ggctatttga ttatattcaa ggtaagaaaa ctacaagcag aaaattgaga 240
 tgacagcgcc tgtgatcagt gaagt 265

<210> 20892
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954803H1

<400> 20892

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 ctcgctggac cggtaaatgc tggtaagttc acaacctctt caagtacgaa ttcgacctcc 120
 aattcgatgt ccccgctcact tacccttcca ccgccccga actcgaactc cctcaattgg 180

ctctctcagt ccaactccaa ccacagagac aacatataca acatcgttgt ttccatggca 60
atggaatctg cgcttacagc ttctaactgg atccgttctt tgattcggat tcgcctcact 120
aagccacgct tcggtgctat tcgtcccaca gcaatacgat cctccatcga ctcgatatctc 180
gtgtccaaac tcactccctc tgagcctcac atcctacgag acgactccgc atcgacttct 240
cttccatttg cggcgttggt aat 263

<210> 20896
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700954807H1

<400> 20896

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ccaatattac atgcacatct acgctttgca cccagctctc tactgctaca gggaatgagc 120
cgggatgttc agcctccaca aaagcatgca tatacggcat ccagtacggg gacagttcgt 180
tctccgttgg ctacttcagc cgcgagcggc tctccgtgac gccaccgaca tcgtcgacaa 240
cttctctctc ggttgcggcc 260

<210> 20897
<211> 238
<212> DNA
<213> Glycine max

<223> Clone ID: 700954808H1

<400> 20897

atttcatttg agtatatcta ttatagttga ctactcaact aagatggact cgaagagggga 60
gatagcatta cttatttcag gccttctggc catgctcatt ttaatctcct cagatgtggc 120
agccagagaa ttgaaagagg tcaactggtgc tggcttgtct ggtggtcgtg ggggtcaacta 180
tggtggcttt ggtggtggct cccctagctt tggtggtggt cccaggctat ggaggtgg 238

<210> 20898
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700954771H1

<400> 20898

aacactattc ttcttcgcag caatggcgcg agtggatctg gacgggaacc ccatgaaggc 60
acttacgata tgcataatcg ggcgtggcgg ctccataggc tcgcatctct gcgagaagct 120
catgtccgaa acccctcaca cgcctctcgc cctcgacgtc tacaacgaca agatcaaaca 180
cctcctcgaa ccctccgatt cccctcgggc cggccgcata acctccacc gcctcaacat 240
caaacacgac tctc 254

<210> 20899

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700954736H1

<400> 20899

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cgctgaagaa gctaagcttc aagtctctga agcgcgctct cgatctcttc tctcccatcc 180
acggacacct cgctactccc gatgccgaaa gcaagaaaat acgcactagc cacaaggtga 240
gcgtggagta tgggtgaatc 260

<210> 20900

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700954737H1

<400> 20900

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tacagaagat gataagcacc agtcaatgat ccctgcacac tctgaggaag caatatccaa 120
tgttgtaacc ccggttgatc gccgtactga tggatatgat gcttgatgat cacaaaatca 180
aattgagtta ccaactgcgg aggagtttca accattgaac tttgatatat attatgaccc 240
aagaagcgag ctactggatg 260

<210> 20901
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954739H1

<400> 20901

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 acaattaacc ttgaaaataa agcttcatct agttttatct tccataggta gaaaagtgat 120
 caagagaata cacaagtcac caggtgggaa tgtaccatca tcaccaacac caaggaaaaa 180
 acattcattc ttcttccaga atgccaatcc cctctgagag gcacatgttc cttcaaacag 240
 gaaatggatc tgggtga 256

<210> 20902
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954740H1

<400> 20902

gataactaga aacagtgtga tgaaaatgaa ggtccttggt ttcttcgttg ctacaatttt 60
 ggtagcatgg caatgccatg cgtacgatat gttccctctc cgaatgaaca ctggctatgg 120
 tgcccgtact ccggaggtga aatgcgcaag ttggaggctt gctgtggaag cacacaacat 180
 ctttggcttt gagaccattc ctgaagagtg cgttgaagca acaaaggaat acatccatgg 240
 cgaacaatat agatcag 257

<210> 20903
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954741H1

<400> 20903

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acgtgttgca agaagcgggg gctaagctct ctgcgaaaga gatagcatcc aagctttcct 180
 gcgacaacaa ccttgaagca gactcaatgc tggatcgctt tctagccctt ctagcctctc 240
 actccattct taactgtt 258

<210> 20904
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954742H1

<400> 20904

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 ctatttcctt cgcagatctc aaccaattct tatatataaa cccctttcga gatctgcttc 180
 aagctctgtc cccttcttcc acttccaccc tcctctcagg tttttgtgga taagagttag 240
 ctataatggc tgccag 256

<210> 20905
 <211> 254
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 <213> Glycine max

<223> Clone ID: 700954743H1

<400> 20905

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 agtttctttc atgtttgaac aggctactat ccatttggga gcaactgagc tgcttgatt 180
 gtatttttct tcttctagaa aaaattacag accctcacca cccagactta gttgtatgaa 240
 cggttgcca cctt 254

<210> 20906
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954744H1

<210> 20909
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954751H1

<400> 20909

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 agcgtcgaga agtcatcag actcctctcc caaacccaag cccaagccca agcccaccat 180
 caattcaaca acaacaatag ctctagtaat gaaatcgcca tcgccatgga ctgcaaagcc 240
 gtcgctgacg tggcagtctc c 261

<210> 20910
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954752H1

<400> 20910

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 tcgtagcaaa aaaagatgat gctggctcta ctggcagtca gtccttaaga gcacttgcac 180
 taattggagc tggtttgtca ggtcttttca gtttttcaac aatggcagca gctgatgaag 240
 ctgaacatgg cctggcatg 259

<210> 20911
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954753H1

<400> 20911

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 ggatctccgg cggacctact atccctacta ctactctact ctatttacac ggaagaacaa 120

aaaactatcc ccctcccca aaaaaaacc caaagcggct cggtagggg ttagttttgt 180
accatttcgt gtaatcta ttttcatccg taaaaatcta attttgaggc ggcgagatgg 240
cggagattca ggtgcagcat 260

<210> 20912
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700954755H1

<400> 20912

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aaatgtgtgc tcattgcacc ctagcgctat gctgtcacia aaagcttgat cctgctacta 120
ccggcctttc tggaccagtt tgtccatttt gccgtggatc cattcttcaa ttactggttg 180
ctaagattaa caaatcagt gatacagaag tggatctag ccctatgaag ccaaggagat 240
cacggaaatc aaatttc 257

<210> 20913
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700954756H1

<400> 20913

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cagaatcaaa agggagtttg agtcatatgg tccaatcaaa cgggttcgat tagttgctga 120
caaagatata aataagccca ggggttatgc tttcattgag tatctgcata caagagacat 180
gaaagctgct tataaacaag ctgatggtag gaaaattgat ggtagaagg tgcttggtga 240
tgttgagcgt gggaggac 258

<210> 20914
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700954758H1

<400> 20914
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catgtcatca gggcaatgag aggctccaac aactcaagaa ggggcttatac aaaccaatac 120
gatggtccat gcaaggcgac aaacccatt gacaaatggt ggagatgtga cccaattgg 180
gagaaaaacc gcaagaggct agcagattgt gccctaggct ttggccatgg cacaacaggg 240
ggcaaagatg gcaaaa 256

<210> 20915
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700954760H1

<400> 20915
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gtttcctctt cctgtataac atttataacc tgatgcattt tcacaatatt caatttcact 120
tcaccccttg tgtttcatct tcttatgtgt ctattcattt tcttcagaat ttccggtttt 180
gttgaatatc acaaagcttc aatctcatgg cctcgtttga tgaacaacaa ggaaagcctt 240
tacccaagtt tg 252

<210> 20916
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700954761H1

<400> 20916
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cttgttcttt accaattctt tctcaaactc ttgctcctaa tttcagtctt tcagctttcc 120
tttgctgcta ggagactcaa ccagctggtt caggaccagt cacagttact ccattaccac 180
aacggtcctc ttctatacgg caaaatcgcc gtgaacctaa tctggtatgg tcacttcaaa 240
ccatcccaaa agg 253

<210> 20917

<211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954763H1

<400> 20917

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 tcaagaccct caccggcaag accatcacc ttgagggtga aagctctgac accatcgaca 120
 acgtcaaggc caagatccag gacaaggaag gaatcccccc ggaccagcaa cgtctcattt 180
 tcgccggaag gcaacttgag gacggccgta cccttgctga ctacaacatt cagaaggaga 240
 gtactcttca cct 253

<210> 20918
 <211> 53
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954764H1

<400> 20918

gccactctc caccctctgc cgcaccaacg gcgtcaccgt cctcgtcacc ggc 53

<210> 20919
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954766H1

<400> 20919

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 ttcttcccag attctacctt cttgtttcct tctcattct gttccttgca ccctttcacg 120
 ctcaagctaa aattaaagtg acttactgcg ataagaaggc agactatgct gtgaagggtg 180
 ctggagtga aatatcacca aaccctgtgg tgagtggcca ggcggctacc ttttaagatct 240
 cagcaacttc tggtaaagct 260

<210> 20920
 <211> 258
 <212> DNA

<213> Glycine max
 <223> Clone ID: 700954767H1
 <400> 20920
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 tcttcttaga ccaaattgct aagaaaattg actcaagtaa tggtagggag aggcggaagg 120
 gtctaaagat gttgagaaat gtgacaaatg gtttcattga tgtgtatgaa ggtgggagtt 180
 ctgatggtct acctggtttg caaatttata cattgctgat gaattcaact gatacacagc 240
 acgagatttt gcatgaac 258

<210> 20921
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954768H1
 <400> 20921
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 catgatcaag cctgatggcg tccaaagagg ctttattggc gagatcatta gcagatttga 120
 gaagaaaggt ttctacttga aaggtttgaa acttggtact gtggaccgtc cttttgctga 180
 gaagcactat gctgatttgt ctgccaagcc tttctttagt ggtttggtgg attacattat 240
 ctctggccct gttgttgc 258

<210> 20922
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954770H1
 <400> 20922
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 tgaaccacag ggtgaaaaag atatctagtg gttacaacaa ggtaatggtg acggtcgagg 120
 atggcaggaa ctttggttgc gatgctgcta tcataactgt tcctattgga atcctaaaag 180
 cgaatttgat tgaatttgaa ccaaaacttc ctgattggaa ggtttcagca atttcagatc 240

ttggtgtggg ca

252

<210> 20923

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700954735H1

<400> 20923

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tggtaaaaga gttcttgcaa gaccactgaa ggtgcgattc cactatgggtc atccagatgt 120

ttttgataga atttttcaca taactcgagg aggaatcagc aaggcatctt gtggcatcaa 180

tctgagcgag gatatttttg ctggattcaa ctcaacta agacgcggaa atattactca 240

tcatgaatat atccaatgcg g 261

<210> 20924

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700954686H1

<400> 20924

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taatccataa ttctctctct cctcttcttg gtttggactt tgtttaatca agtggaccat 120

tagagtgggt gaactcttct tttcctcaca ctacttagaa ggtcaatgtc atggatgatg 180

gtcctgcaaa attaaaattc atccctgatc attttcaagt tccaacatca agtatagaat 240

ctcctgag 248

<210> 20925

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700954688H1

<400> 20925

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atgctgcacg taacataaag atctttacca ttttattatg atacaaaata gataatgttc 120
 tgtatcaaat ttcagtcaga cattggctct gtacataggg ttatattatc gatgcactgt 180
 atttgtattc aaattccaaa tggcgaacat atttgattgc tgtagtattt caagggttctg 240
 tagattat 248

<210> 20926
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954689H1

<400> 20926

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 agagaagaag ctttcttcag ttcattacca atggatccgt gtcccttctt gcgtcttatg 180
 atagactctc tggctctcaa tcttccctcc gccaccaaac cgccacctgt ctccggcgtc 240
 caccctt 247

<210> 20927
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954690H1

<400> 20927

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 gattgaacaa gagttctccg tttggaagaa gaacactcct ctcttgtagc atttcttcat 120
 ttctcacctt cttcaatggc cttctctcac cgttcactgg cttccttctt ctccccatcc 180
 ccactccac ccttcttcca atctccacaa acttcttctc gceactcaca cttccgacgg 240
 cgaa 244

<210> 20928
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954692H1

<400> 20928

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 gcaaggagga ttcgtggcaa gaaagccaag gtgaattttc ctgaggcacc aggtacttct 180
 tctgtaaaac gttccaaggt aaatccacag gaaatctta agactgttca gcccaatctg 240
 ggtc 244

<210> 20929

<211> 223

<212> DNA

<213> Glycine max

<223> Clone ID: 700954694H1

<400> 20929

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 caattttctt cgctcagact gagggacata aattggaatc aatagtatac tactcacctc 180
 acttaaattt tgtttctggt acacaaatct ctctctggt tag 223

<210> 20930

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700954705H1

<400> 20930

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 caaccttcaa ctcttcttcc caaacctctc cttcacttgt tagatttggt cacattgcaa 120
 agagattttt gttgctatgg ggttgatcga tctgaacacc acggaagatg atgaagctgc 180
 tccattatct gcttcttctc cagcttcata ttcttcttct tcttctcact cggggataag 240
 cacttctgct tcaaccttgg tt 262

<210> 20931

ctgttactgg agacaggaat gattctgaag atcaacctcc tgctaaacgt cgactttcat 240
 ctgctgtcgt taaggtggat 260

<210> 20934
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954710H1

<400> 20934

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 tactttggtg acactagttt tgtccacaat ggactttctt ggcaaaatcc cttgggtttaa 120
 tgctcaagtg aacacagatt tggcgactaa ttcaattcct atcgaaacat tcaactgaaca 180
 acctaaacaa gaacttggga atgatcccaa attgcccttc ctttcattgt ttccttgggg 240
 aaatcgtgct ggagag 256

<210> 20935
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954712H1

<400> 20935

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 tgcaagcctc acaagaatag gccttgctgg cctggctgtg atgggccaaa accttgctct 120
 caacattgct gagaaaggct ttcccatttc tgtctacaac cggaccgcgt ccaaggttga 180
 tgagacagtt gaaagagcaa aacaagaagg aaaccttcct gtgtatggct accataacc 240
 taaattcttt gtccaa 256

<210> 20936
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954714H1

<400> 20936

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cagcttccta atggaggatg ggggtgagagt tacttgtcaa gccaaaacaa ggtatatata 120
ttattgcttg aatagcacac tagactctga aaaaagaggt cagtgttaat aaattttctat 180
ctacacaaat atatcggatg ctttctttgc caaacaggtt tacacaaatc taaaaggcaa 240
cagggcaaac ttag 254

<210> 20937
<211> 255
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700954716H1

<400> 20937
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atgattatct ggagtcctaaa ccttggcagc tggcatcaat accggccacc aacaaagaaa 120
aaaactaaac aatattatgg cgaactgtca gcaatattat tttcttttgc tttctctggc 180
aatttttatt cctaccctga atgccaatc ctctgagaaa gatgagtatt ggcagagcca 240
tgtctatgag tttga 255

<210> 20938
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700954718H1

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ccatcttggt gaccttaggg tcatggataa ctgcttgaca gttaccaagg gtgtggacca 120
tgttttcaat cttgctgctg atatgggtgg gatgggtttt atccagtcca accactcagt 180
cattatgtac aacaacacca tgattagctt caacatgatt gaggctgcca ggatcaatgg 240
tgtaagagg tttttttatg cct 263

<210> 20939
<211> 262

<212> DNA
 <213> Glycine max

<223> Clone ID: 700954719H1

<400> 20939

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 tacctcagag tcggtgaacg agggacaccc tgacaagctc tgcgaccaa tctccgatgc 180
 tgtcctcgac gcttgccctcg agcaggaccc agacagcaaa gttgcctgcg aaacatgcac 240
 caaaaccaac ttggtcatgg tc 262

<210> 20940
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954721H1

<400> 20940

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 agacctcaaa acaacgagct aaatcaggct cttgaggaca accaagagaa gaagaagagt 180
 gaagaagatg actggaatga cgaagaatca accgtcacag tgggtggtggc ttgatagcca 240
 caccacttct aatcgatccc ct 262

<210> 20941
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954722H1

<400> 20941

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 ttgatgcac agcaatgcca ataggagagt ctggattcca gtctcctcta tctccttgcg 120
 tgcaagattc atcagagttg gtgcaaagtg caggggcaagt cgaccctcaa aaccagacac 180
 gaacattcgt caaggtttac aaatcagggt cagtagggcg ctcacttgac atctcccggt 240

tcagcagtta tcatgagc

258

<210> 20942
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700954724H1

<400> 20942

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gatgctgtgg aagtatctcc cacaaagagg agaggtattg atcataactc attcatggta 120
cattttctta tagactttat gattttttaga atttgtgggg gaaaaaactt ttcataataag 180
aatgtggcct aaaacagtat gagttcacca acaactcggt agtttgagta gaactgggct 240
cggttccctt aaataagca 259

<210> 20943
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700954725H1

<400> 20943

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atggccctcc ccaccaatct caagttcttc tgtgtgtttc tcttagtgct tattctctat 120
tctcatcct tctttgcac agctgttgat cctaaggctg aagatgaaga atttaccttc 180
gctgaaggaa gtatcaaagg gccaaagaat tgggggcaga tcaacccaaa atggaaagta 240
tgtggagatg gaaaactaca 260

<210> 20944
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700954726H1

<400> 20944

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 aagttacaat ccaactccat caagtccctcc agttgggtgga agccatgatc caactccttc 180
 accaccctca ggtgggtgggtg gaagttacaa tccaactcca tcaactcccc caggtgggtgg 240
 aagctatgat ccaacccc 258

<210> 20945
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954729H1

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 tcgggtcccggt ctggaccagg gaatgaatag agatgagagg ctttcggctt aagaaaactg 120
 agttaagcgg ccaagccaaa cgcagaatcg gcggcagaaa ttgccaccgg aagcacgtcg 180
 aagacgggtg aactaaaaag aagaatctca tccaccactt atcctttcaa tgccccaacc 240
 ccaaaaaaat cacaac 256

<210> 20946
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<223> Clone ID: 700954731H1

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 aactaatcag atcccaagac cttggcctac cttgccatac agaaaaaaaa aaagcaaaaa 120
 aaaagccaag gtttggagcc acaaaaaata aacacaaagc acaagtcag gaaagacata 180
 atggttgga gtgcaacaaa ggttgctttc accctcttgg ccactttcgc cattgtcatt 240
 ccatgccttg aggctgg 257

<210> 20947
 <211> 82
 <212> DNA
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<223> Clone ID: 700954732H1

<400> 20947

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ttttcactaa attggtttct gg 82

<210> 20948

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700954685H1

<400> 20948

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actgaatcat gtcgtagcag acaagaagaa tctagtgtaa aattctgtga atcgacagat 120

gctaattgatg tctggtataa gaaaatggag gtctgcgtta ctccaagtcc taaagtttct 180

ggtgattata agccatttcc agagaggcta tatgccatcc ctctagaat tgctagtggc 240

tctgttcctg 250

<210> 20949

<211> 265

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<213> Glycine max

<223> Clone ID: 700954734H1

<400> 20949

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ttctgttaat catctgtctt tcaagctaag attttcgggt ttgtctatta attcaccaag 180

aagcaaactt agaaggattt ttcgaaagcc aggtgttttc agaaacgaga tccaggtttt 240

attgtcgaat ttcgctagtc aaatt 265

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<212> DNA

<213> Glycine max

<223> Clone ID: 700954654H1

<400> 20950

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cctttcaatg gctttctgcc caaaacgaac tttgtcgtcc aaatcacgga taagaagtgc 120
cagctccttt tctttctgtt gtaatatgtc atgtgtactg gtttgggtct caccagctc 180
atccacagat tccttgtttg aat 203

<210> 20951

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700954655H1

<400> 20951

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ttctggtgtt ggtaaaagct gtattgttct acgatttgtt cgtgggtcagt ttgatccaac 180
atctaaggta actgttggag cttctttttt gtcgcaaaca atagctctgc aagactctac 240
aacagtcaag 250

<210> 20952

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700954656H1

<400> 20952

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tgaaggaaat ccgcaacgct caacgttccc atggacccgc caccatcttg gccttcggca 120
ccgccacgcc gtccaactgc gtctcccaag ccgattaccc tgactactac ttccgcatta 180
ccaacagcga acacatgact gatctcaaag aaaagttcaa gcgcatgtgt gaaaagtcca 240
tgataaag 248

[illegible]

<400> 20953

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<400> 20954

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<400> 20955

8853

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tgatgcag 248

<210> 20956
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700954660H1

<400> 20956

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gttttttgtg ttactgtggg tgacttggga gattgtaagt gttggtggcg gctattctga 120
ttggactgaa ttggaatcat ggttgcggtg gtttgctatt tttggggctg ttgggggggtg 180
aagtaagggt aaatgattgt gagtgattcc gttttgttga tttcgtactg gtaactggaa 240
ttttag 246

<210> 20957
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700954661H1

<400> 20957

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cacgcaaaca gcaagatggc cacttccgac agtaacatgc tactaaatta tgttccagtt 120
tatgtgatgc tccactcgg agttgtcaat gttgacaatg tttttgaaga cccagatggc 180
cttaaagaac agctcttgca gtttcgagct gcgggtgttg acgggggttat ggttgatgtg 240
tggtggg 247

<210> 20958
<211> 200
<212> DNA
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<223> Clone ID: 700954662H1

<400> 20958

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 tcttcttcac actccccag aaatcccaat tttgcccta cctcttccc caatttacct 120
 acgatgtaca gcaacatgct ggtcaactgc tccaactgcc gcacccctct gcagctgcca 180
 cctggcgagg gatccatccg 200

<210> 20959
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 <212> DNA
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<223> Clone ID: 700954663H1

<400> 20959

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 aagggatttt ttgttaaaaa gcagaaactg gtttttgaag ggaaggaatt ggctcgtaac 120
 agatcttgta tccgtgatta tgggtgttgg gatgggaatg ttttgcacct ggtgctgagg 180
 ctttctgac tcaaagctat t 201

<210> 20960
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954664H1

<400> 20960

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 gaaaaatggc taggtggtgc atgatcttgg tggttcttgc tcttgccgtg gttgcaagtg 120
 ccagaaacat gcccaatgac gctggtttgg aggaccagaa gaacttcctt gggatatgggt 180
 tttcgggagt tggcaacaat ggccttcctt ttggtggagt gggttctggg tttgatggta 240
 atatgggtgg g 251

<210> 20961
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954665H1

<210> 20964
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954669H1

<400> 20964

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 gtgttttggc aggaaggtgg tatggcgaag gacgttgagg ttgctgagcg tggctccttc 120
 tctgggaagg actaccagga ccctccacca gcaccactca ttgatgctga ggagctcaca 180
 aagtggctct ttacagggc tctcattgct gaattcattg ccactttgct cttcctctac 240
 attactgtgc 250

<210> 20965
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954670H1

<400> 20965

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 atatgaaatt gaaagcgggt ccatggtggc ataattggtt agtggtaaaa gcaggatcaa 120
 gtcacagcag cctcatggta cgcaagaagc agactcagga ttctgaatcc actcctccaa 180
 gaatcacatc caacgtcaaa caaacctcc gcttctctaaa gctatggaag agcttccaga 240
 atagaaat 248

<210> 20966
 <211> 73
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954671H1

<400> 20966

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 gatagtggat tct 73

<210> 20967
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700954672H1

<400> 20967

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ggcacctgca atgattattg tcaaaccaac aatagagaat ccgactcacc ccgttgatt 120
tgcccttttt ttgtcttgaa aaggtgaagt tcaagtcttc agttcaatcc aagtctaact 180
atagagtagc tatctaagag ctttggagct ggttcttctt ttggactgaa ataaagatta 240
cctgttttt 249

<210> 20968
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700954674H1

<400> 20968

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gatcctaaaa ctaggagac gactcaagag tactgaattg gctctaaaca tatcccgagg 120
accatggaaa ctggctatta taggaaattt actccagctt gttacatcg caccacaccg 180
aaaattaaga gacctggcca caatatacgg acccatgatg catctccaac ttggggagat 240
cttcaca 247

<210> 20969
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700954675H1

<400> 20969

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ccgatacggg gtcgaaagcc gtcgacgctc tcctgaaatg gcgtcgctcc cacatctgaa 120
accctaaaac caaaactctt cgacgaagac gaggaatatg tgtacctgat cctgacgctg 180

aagaagatcc cttcaaaatc ccgcgtgaag cctgcacaag atccctctcg ccgactccct 240

<210> 20970
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954676H1

<400> 20970

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 actggggcca aaacggtgga gaaggcacct tagcagaagc ttgcaacaca ggaaactacc 180
 aatatgtgaa catagccttc ttgtccactt ttggaaatgg ccaaacccca caactcaacc 240
 ttgctgg 247

<210> 20971
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954678H1

<400> 20971

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 cctctctccc ttctcatgaa gctcaatccc ctcgtttcga gcctctccct ttacgatatc 120
 gccggaactc ccggcgctgc gccgatatca gccacataaa caccagatct gaggtagtgg 180
 ggtaccaagg tgatgaagag cttggaaaag ctttgagggg tgccgatgtt gttataattc 240
 ctgc 244

<210> 20972
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954679H1

<400> 20972

cagaactctc tagaacctct ctcacacaat agcaaagaag ggaagactaa aactaaaacc 60

ccactctott tttccgagtc ttccagtga agaaaggcag cgatggaaga agacttcgac 120
 atccccggcg gcgaggaaat ggatctcggc gaagacgagg tcggcgagga gagggagatc 180
 ggctctggcg gcctcaagaa gaagctcctc aaggaaggtc aaggctggga aacccccgaa 240
 gtcggtg 247

<210> 20973
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954680H1

<400> 20973

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 aggccagctc catctgcctc tagccctgcc tccttcaaga ctgtggctct tttctccaaa 180
 aagaaggctg cacctccaaa aaaagctgca gctgctgctc ctgccaatga tgagcttgcc 240
 aagtggatat 249

<210> 20974
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954683H1

<400> 20974

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 ctaacaaca tcggcagcta gatcgtcgaa gaaaacgaaa aagaaaagct ttgaaaatgg 120
 ctcaggagtc actctcagaa acccccgata tctcgcccc ttcgtctact gcacaatcgc 180
 agccagatcc atctctttca aggaacgttt cttttagccg gctcaacgca caggcaccag 240
 aatttggtgc c 251

<210> 20975
 <211> 204
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954653H1

<400> 20975

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 cactcatgga tcccaaccag cctgtgggtg aaaactacgc caatcccagg acttgcttct 120
 ttcatgtcct cttcaaggct gcagccttgg cattttacat tctctcgcc ctctttattg 180
 ataactttgt catcattttc gtgg 204

<210> 20976

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700954684H1

<400> 20976

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 caattggaac ttcaaagtac aagcttttga gatttggagg ttagctcttt gcaaggaatt 180
 gaattgttgc acctcattac catctgtgac atctgaaatt caggtttctt agtattattt 240
 gagaccaaca 250

<210> 20977

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700954607H1

<400> 20977

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 tgaaagagag agaagcttaa ggcacaagga gaaggaaaag aggaagcaga agagtataga 120
 aaaacaaaac agaataagga agcgtcatcg ccaacaagtg atagggaat atattaagcc 180
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 aaaccattgt tttga 255

<400> 20978

<210>	20979
<211>	79
<212>	DNA
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<400> 20979

<210>	20980
<211>	249
<212>	DNA
<213>	Glycine max

<400> 20980

8862

[illegible]

<400> 20981

<210>	20982
<211>	253
<212>	DNA
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<400> 20982

<210>	20983
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<400> 20983

8863

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cgctgctgtc acgtgcaa 258

<210> 20984
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700954619H1

<400> 20984

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caaggaacaa gtcacacaac tatataacaa gcatggaaac actgccgttt cgtgggtcag 120
aaatctcttc cagcattgcg tggttaagtc atgcgatgca tcattactgt tagcgacggc 180
gagcgatgta gtgtcggagc agacatcgga tagaagtttt gggatgagaa acttcaagta 240
cgtaaact atcaaag 257

<210> 20985
<211> 206
<212> DNA
<213> Glycine max

<223> Clone ID: 700954621H1

<400> 20985

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actcaaatgc ttgcgctcct ctctcgcgcat ttcgcacctc tttctcaatc agcaaagagc 180
ggaggttcgc gtttcgagtg gaggat 206

<210> 20986
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700954622H1

<400> 20986

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<223> Clone ID: 700954627H1

<400> 20989

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aaggttcgag aatggttttcg ctggaggaat ctgctctaa ttcgagccgt ttccccttgg 120
cgaggagtta ccagtaccac tcctcggttt cgtccaaaac gcagcgtcac atcggaaggt 180
ccatgcgcac gatacgctcc ag 202

<210> 20990

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700954629H1

<400> 20990

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atagcctgcc tcaaagcagc attggcaaga aaggaagggtg aatcagaaca ttctttatca 120
ggcagctctg aaaaatatag gacaatggct agtgagctat caccttatca tgcaaaccaa 180
cagggtgctg atattgtgag cccagggtgc cggcaaccaa tgcttgatgt aggcaatata 240
gagcttcaca 250

<210> 20991

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700954630H1

<400> 20991

gccgcgaggg tcactacact gaactagtct gaaccaccat caaaaccca ttctcctctt 60
cgcaatcaac ctccaaatcc aaattttctc tctctgcctt cacattccaa tttcaaacac 120
catccgaatc caatccaatc aaaacaaact cgtctcttcc agcgtttttg aaaaccctct 180
cgatgccccg acccagaccc attaattcat gagtca'cgag atggaggcac tggcagaaaa 240
cccaggtagg t 251

<210> 20992
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<223> Clone ID: 700954631H1

<400> 20992

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 accaagcatt ctgggcattt cgggtgggact tcaggagaga aggggaagtt tgggctcacc 120
 accgcacaga ttctgagggg tgtgaagaag ctggcccacg caggcatgct ggattgcttg 180
 caactgctgc attttcatat tggttctcag attccctcaa ccgcgttgct tgctgatggc 240
 gtgggagagg 250

<210> 20993
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954633H1

<400> 20993

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 acatggaatc ctgcaagcat catattctct gtggacggga cccaataag ggagttcaag 120
 aatttggaaga caaaaggggt tccattccca aagagccaac ccatgagaat atactctagt 180
 ctttggaacg ctgaggattg ggccacaagg ggtgggcttg tgaaaacgga ttggagcaag 240
 gccccattca cagcctcat 259

<210> 20994
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954634H1

<400> 20994

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 gagtgccaaa catgcctttc aagccaggtt gctcaagtga tggtggcatc aatgatactg 120
 gggtttttaa taataataat ggcttgctgg ctaaccaaac tccacgaatg cgaacatata 180

ctaaggttca aaagcgtggc tctgttgga gatgtattga tgttaccctg tacaagggat 240
atgatgaact ccggca 256

<210> 20995
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700954636H1

<400> 20995

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gaggtggtag ccccccaaca ccaatcactg tgagcccacc ttcaaccca attgaccccg 120
gcacccccac tatccccctc acacccccctt accttccttc cccaactccc ttcacaggta 180
catgcaacta ctggaacact caccagga tcatgtggg attgctaggc tgggtggggaa 240
ccttaggcca tgc 253

<210> 20996
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700954638H1

<400> 20996

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ccctctcgtc accgtgcagg ccctcgacgg tgacatggca accgatgcct ccgccaccgt 120
tcccatccct gacgtcatga aggcctctat ccgccccgac atcgtcaatt tcgtacactc 180
gaacatctcc aagaacagcc gccagccata cgccgtcagt cgtcgcgctg gtcaccagac 240
ctccgccgaa t 251

<210> 20997
<211> 61
<212> DNA
<213> Glycine max

<223> Clone ID: 700954639H1

<400> 20997

ctttatgcta atgtgcaaaa aggatttgac agagaattca acacaaatca ataaagggtca 60
g 61

<210> 20998
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700954641H1

<400> 20998

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catctcaaag tacttcaccc ttctggtatt ctatcaagag agcttcagca cacatcattg 120
ttttggcctc atattcagca tatggtaatg ctagatatgt cttttgcatg atacataactt 180
atgtagagaa cactgggtga ttatatgatt tcagatgaac atgattctgt ttgtaataat 240
ttcaccttag 250

<210> 20999
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700954642H1

<400> 20999

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agagtgttct tacggaattt aaggagttag tatcaatgtg tggagggccc aatgagaaac 120
tgagagctga ctgggtaata aattgtctca ggggtgttcc tgatactccc tcagaacgca 180
tgatgggcct cccatcaact aggaagctgg cattgaaaaa caaggttgtc tttggcactg 240
gtgac 245

<210> 21000
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700954643H1

<400> 21000

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 gccgcaattt tccggccatg tacctcgaaa tcgaggtttt tgaccggctc ttccggtaaa 120
 cttaaccggg aagtgactat ggggccaatg ggggtgccctc cttctgcctc tttcaagggt 180
 gaagccaaga agggagagtg gttacctggc ttagcctccc caacttacct caatggcaact 240
 cttctctggt 249

<210> 21001
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954647H1

<400> 21001

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 gcgagagaaa gccatgccag agacgaagat ttttggcatg ctgtttggcc aaacactccc 120
 attccaagtt cattgcgaga tcttctaaag cctggccctg caagtgttga aatcgatgat 180
 caccctatgc aaattgaaga aacacagtac ccgaaaacct tcttctataa agaagacctt 240
 catccagg 248

<210> 21002
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954648H1

<400> 21002

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 agcacaagga cacataaacc ctttgctcag actaggtaag tgccttgctg caaagggtt 180
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 cactgacaaa t 251

<210> 21003
 <211> 204

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700954606H1
 <400> 21003
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 aagtacacag agactgagat tcagtcctg tacaactatg aaaccactga acttgttcac 180
 gagaacaaga atggcactta tcag 204

<210> 21004
 <211> 307
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954573H1
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 ttcaactcgt ggacgggctc caactgctgc ctcgactggt acggcatcag ctgcgacgcc 180
 accaccggcc gcgtcaccga catcaacctc cgcggggagt ccgaagacc catcttcgag 240
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 ccctcac 307

<210> 21005
 <211> 308
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954574H1
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 tgctttgccc tacaaaagga cacctcctag ctggctcaag atctcttcgc aagatgtcga 180
 agaaaatata tgcaagtttg cgaagaaagg tttgaccccg tctcagattg gtgtcattct 240

cagagattct cacggtattg ctcaggtcaa tagcgtcact ggcagcaaaa tccttcgctc 300
ctcaaagc 308

<210> 21006
<211> 271
<212> DNA
<213> Glycine max

<223> Clone ID: 700954575H1

<400> 21006

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aaatagtgcg tgtatctggg tgctaattcg agtgctatta gtctgtgggt tcgttggttt 180
gtaaccctc tgctttgggt atgctggatt gtatattatc cttaaagaaa tgaaagatta 240
aattatcaaa aaaaaaaaaa aaaagggcgg c 271

<210> 21007
<211> 186
<212> DNA
<213> Glycine max

<223> Clone ID: 700954576H1

<400> 21007

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aaacactccc attccaagtt cattgcgaga tcttctagag cctggccctg caagtgttga 180
aatcga 186

<210> 21008
<211> 310
<212> DNA
<213> Glycine max

<223> Clone ID: 700954578H1

<400> 21008

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gtggattgga gtcatttgcc ttcaagcaag ggaaatacaa tgccaagaag ttctgccttg 120
 agccaacttc attcacagtg aaggcagagg gtgtggccaa gaacgctccc cctgagttcc 180
 aaaacacaaa gctcatgaca cgtttgacct acactcttga tgagattgag ggaccctttg 240
 aggtgtcttc tgatggcact gtgaagtttg aggagaaaga tggaattgac tatgcggccg 300
 cacagtccag 310

<210> 21009
 <211> 217
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954579H1

<400> 21009

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 taccctcttt gcaactaccc ttccgcacca cagatatctc tcacgccgca ccttctgttt 180
 gctccactta cgactactat ctccggttc ctcaact 217

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 <211> 139
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954580H1

<400> 21010

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<210> 21011
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954581H1

<400> 21011

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 gacgaagcgg agaagaaaac aaactccggc ggcacagca acagctcctt tgcacggaaa 180
 gctcagtatc ctccgtcaag tgaagcgcgg tgggaggacg accccgatta ccgcaaattg 240
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 tatctccact 310

<210> 21012
 <211> 286
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954582H1
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 gtcgccatgc acatgcagct tctccacaac gaccgcgtgc atcatcttcg accgcaccga 180
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 gtcgtcaaac gccgatgcac cgggcactcc atcgaatacg acgtcg 286

<210> 21013
 <211> 287
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954583H1
 <400> 21013

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 aagctctgga gaaaccgcca caaaaaaaag aaaagaaaac gcaaacctaa ccgcaaacgg 180
 taacccatt atgccatgct tcacaccaca cccctctctt ctcttccttc ttctaccct 240
 tctctctatt tccttcttct ctcttccac cgctgcaaga acctctt 287

<210> 21014
 <211> 313
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954584H1

<400> 21014

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 gaaccttggtg tggttattcc tgattggagc agtgctgccg gttcccattt ggggtgttgag 180
 caaaatcttc cctgagaaga aatggatacc actgatcaac ataccagtta taacctacgg 240
 ctttgctgga atgccaccag caactccagc caatattgca agctggctag tgactggaat 300
 gacttcaatt act 313

<210> 21015
 <211> 303
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954585H1

<400> 21015

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 accgcgacga agctcctcag gctccgcgga gagaaacggt ggcccgcgcc accgccactc 180
 gtcgcatgcg tcgccgacct accgcgtctg gagctagtac ttccgcagat ccacctgcga 240
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 gct 303

<210> 21016
 <211> 303
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954586H1

<400> 21016

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 ctacttgggt tcagaagaat agatcattgg aagaagccga tatagttctt tggtagctgt 180
 ttggtataac acacattccc cgattggaag actggccagt tatgccagtg gaacgcattg 240
 gctttatgct tatggtattc cactcaaagt tagcgtatct cattgccatt ctttctgtgc 300
 aaa 303

<210> 21017
 <211> 310
 <212> DNA
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<223> Clone ID: 700954587H1

<400> 21017

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 aatttaagcg ccttcttgga gtcaaaccac tgcctaagaa ggaacttaga agtacacctg 180
 ctatatctca cccaaagacg ttgaaattgc caaagaattt tgatgcgagg acagcttggt 240
 cgcagtgtag cactattgga agaattctag atcagggcca ctgtggttct tgttgggcat 300
 tgggtgctgtt 310

<210> 21018
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954588H1

<400> 21018

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 cagtttgatc tgtttgagaa cagtgccatc catgttgcaa ctgctctaa cagcccacga 180
 ctctcagag aattgataga gatgttacca aaagaagaaa ggtggcaagc tttgtgcaag 240
 gaaaatcgcg aagggaacac ggttttacac gaggttggtt tttgtaagaa gaagaaaatg 300
 gctgatgttg t 311

<210> 21019
<211> 304
<212> DNA
<213> Glycine max

<223> Clone ID: 700954589H1

<400> 21019

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ttcagcggga cccaacagaa atgcaaggct tgcgacaaaa ctgttcactt ggtcgaaggT 180
ttatctgtcg atggggctgc ttatcacaag aattgcttca gatgcagcca ttgcaatggc 240
cttcttgCGa taagcaacta ctcattccacc gaagggtttt gtactgcaag gtgcacttga 300
gcag 304

<210> 21020
<211> 304
<212> DNA
<213> Glycine max

<223> Clone ID: 700954590H1

<400> 21020

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taatccatgc ctaattgagt gccttcaagt gttccctcca aagagcaagc tagatcccac 180
agtgtatggt gatcaaacta gtacaataac caaagaacac ttagagatca accttggtgg 240
actctctgtg gaacaggcac tgagtggtaa cagattgttc atattagatc accatgatgc 300
attc 304

<210> 21021
<211> 304
<212> DNA
<213> Glycine max

<223> Clone ID: 700954593H1

<400> 21021

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 agaaaagatc ttatacaagg aaaagtcgga gtaccaagag gtcttggtt ttgagtcac 180
 aatgtatggg aatgtgcttg tacttgatgg aatagttcaa ttgactgaga gggatgaatg 240
 tgcttaccag gagatgatag ctcacttcc cctctgttca attcattcgc ccaaaaagtt 300
 ttag 304

<210> 21022
 <211> 308
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954595H1
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 ttggataact gtggttgatg aggtacagt cagagcttca cagtgttaca tgatttttta 180
 tgtgcaaaaa actctgcaca ataaagcaaa tgaagacctg agtcacgtgc caaattcccc 240
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 aggagtac 308

<210> 21023
 <211> 286
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954596H1
 <400> 21023

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 ttcttctact atgacaaatg gtgtaatgtt ctttggtgat ggcccttaca attttggtta 180
 tttgaactcg gatctctcca aggttctaac ttccaccct ctcatttcaa accctgtag 240
 cactgctcca agttatttcc aaggggaggg ctcagtggaa tacttt 286

[illegible]

<400> 21024

<400> 21025

<400> 21026

8879

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 aacaacttga taacatcagc tcggtgcaac ttctcaccat atggccaaga ttttatggga 300
 ggatcctact g 311

<210> 21027
 <211> 312
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954545H1

<400> 21027

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 gcagacctta acgtcgaagc cgaagccgaa gccgaagaag acgattcttc tctcgtccct 180
 cctccactaa ttaccatttt ggcaaatgac gaaaacagtc aagataaaag ttcgttgtcc 240
 aaagacactg atagcattga agctgaaagt aaaaagttga acaaactgag caaatcccg 300
 tcagaaagac ag 312

<210> 21028
 <211> 311
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954546H1

<400> 21028

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 aacaaacaaa caaatgtct tctccaagca agcggcgaga aatggacttg atgaaactga 120
 tgatgagtga ctacaagggtg gagatgatta atgatggaat gcaagagttt tatgtgcact 180
 tccatggacc caatgagagt aaattctcct ttgtttttat ctttgttaca tgttttgaag 240
 ctttttgtga attgtttttt gtgaaaaaag ttgggttgct attgtgggta tgtggtaatt 300
 aacatatatt g 311

<210> 21029
 <211> 309

<212> DNA
 <213> Glycine max

<223> Clone ID: 700954547H1

<400> 21029

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 ctttggcggc ggcgtcgttt tctctacgct ttacccattc attcattcat tctcaggttc 180
 ggggcatttc attctgattc actatggcca atgggtccagc accgttttct gagattggga 240
 aaagggcaaa agacctttta tacaaggatt acaacttoga tcacaagttt agcctctcaa 300
 ttcagactc 309

<210> 21030
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954548H1

<400> 21030

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 gattaggaag tgaaacaata gtctttgctc atggctatgg aacagaccaa tccatctggg 120
 acaagatcac tccttccttt gctgaaaact accgggttgt gctgtttgat tggccttttt 180
 ctggagctgt gaaggatcca agcctctatg accctttgaa gtatacctcc ttggaagctt 240
 ttgcagatga gtttatcact cttatggatc a 271

<210> 21031
 <211> 322
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700954550H1

<400> 21031

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tccttgcatc ttctgtgtct ccccaaataa aagagcgaca ttgcacacta acacacaggt 180
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 ggagcaggcc gagcgctacg aggagatggg ggagttcatg gagaaggtct ccgcctccgc 300
 cgagagcgan gagtgaccgt gg 322

<210> 21032
 <211> 305
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954551H1
 <400> 21032

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 cagcgagact cttctgttca tcttcgacga ccacgccgcc ggctgcgccg ttgcagttcc 120
 cgcagactct ggcggggctc cgggcgcggc tggcggagga gtcgccgtcg ctgtcggact 180
 tcctcgcggt aaaatcggag agcgcgtact cgggtggaggt cgggactaag aagaagccgc 240
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 agaag 305

<210> 21033
 <211> 302
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954552H1
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 atgaggtctc aaaaacgttg tcacaatggt tactttcatg gtggccttgg ttgttgttca 180
 acatgtgaag tgtgggggact caggtcgcat gttagttcag cacggtggct tcgttcaacg 240
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 ct 302

<210> 21034

002250" E F F E 60

<211> 242
<212> DNA
<213> Glycine max

<223> Clone ID: 700954553H1

<400> 21034

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aatcttacac acacaggtat ctagcaaatg ggttctcacc agcaagaacc atggctattg 120
gagaatggga aaccgagggg gttgaccaag gagaataggc atggccgttc tgcacacagc 180
atgtcctcca cgtctttgcg caagaagtct agccgatctc ttgtgctcca agcttccatg 240
tg 242

<210> 21035
<211> 295
<212> DNA
<213> Glycine max

<223> Clone ID: 700954554H1

<400> 21035

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aggagtgggt atggtaagcg tccccactct caatctgacc atgataatgg gccaaataaa 180
aggaggaatc atgggtgatga cagagagcag tttgtgattg atttggagga tactgtgtat 240
cgttacgtgt gcccgggtcg aaagattggc agtgttattg gtaggggagg tgaga 295

<210> 21036
<211> 312
<212> DNA
<213> Glycine max

<223> Clone ID: 700954555H1

<400> 21036

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tctataatgc ctatgctgag actgagttac ttgaacttac cgataaaaca cctaaggtac 120
ttgagatctt ctgaaggtag ctttgaaact cttccagaat cgctatgtgc attgtggaat 180

ttgcaaatat tgaactttca gcttttttag atgtctaaaa aatttgcctt acagtttgat 240
 gcgcttaaaa gctcttcagg agctatcttt gattgagtgc tcaacactat caagcttggc 300
 tcccagatag gg 312

<210> 21037
 <211> 282
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954556H1
 <400> 21037

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 ataaagaaga agaagaagaa gaagaagaag aagaagaaga aagaaatggc gcattctcgg 120
 caacagaaca aggctggctt cacgctctcc agcaagatca acaacaatgg gagcttctct 180
 acgggtactg gtagtaagag catatacgac gacgtttacg gagggccact gaagttcggg 240
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<210> 21038
 <211> 306
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954557H1
 <400> 21038

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 gttccactcc cttcccttat gttttttcct tctcttggcc ttcaacacaa aaccctcct 120
 agcagcagaa ccagagccag tgggtgataa gcaagggaac cctttggagc caggagtagg 180
 gtactacgtg tggccacttt gggctgatga aggaggcctc aactaggcc aaacaaggaa 240
 caagacatgc cctctttatg ttatccgtga ccttcattc attggcacc cagtttcac 300
 ttagca 306

<210> 21039
 <211> 294
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954558H1

<400> 21039

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tgcctcaata atcttctcag cattgccgtt gtaaattgat ttgtatgtat tattccaaga 180
atagaactaa ttctctattt ttggtttaaa taatatttgt atttcctttc aaaaaaaaaa 240
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaa.aaaaaa gaggggggcc ccca 294

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<210> 21040

<211> 310

<212> DNA

<213> Glycine max

<223> Clone ID: 700954561H1

<400> 21040

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gctgcgagcc ctcatctccg atcctacatt cgtcaaactg catcttctcc acatgtcctc 120
cagaaacgca cacatcctac taacgtttta cgacaaacac taccctggag acaagtattc 180
cgcaccccg c aggtactgcg cccctgctc tgtgcacgct ttactccaca acccatcttc 240
caccatcgag ggtttccgcc ccttcgacat aaacgtttac agagtcttgg gtgtctgcaa 300
ggcttggttt 310

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<210> 21041

<211> 311

<212> DNA

<213> Glycine max

<223> Clone ID: 700954562H1

<400> 21041

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ttcacctttg tcgttcgcaa atccggcgcc gaatggagcg ccaagcaaca ttccggcgac 120
atcgaggcct ccgccgactc cacctacgat ctcaaagga agctcgtgca agccgctctc 180
gccgttgatt cctccggtgg agtccagtc tcttctctc ccgtgtctcc tacctccgct 240

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gtgcacctgc a 311

<210> 21042
<211> 308
<212> DNA
<213> Glycine max

<223> Clone ID: 700954563H1

<400> 21042

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aacaaagggt ctacatattc acaaaaaaaaa actatgtatg taggtagaga cgaaaaaata 180
aatctcgaag taattcgtag agttcaataa ctattattat tttcaattcg gaattcttat 240
taattacttt aaaccgaata aatcttgata attgaaaaat tgagtcataa tttaatgggt 300
ggttatac 308

<210> 21043
<211> 168
<212> DNA
<213> Glycine max

<223> Clone ID: 700954566H1

<400> 21043

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aatgcagggt gcttgcagca tcataagggt aggcattggt agcatggt 168

<210> 21044
<211> 315
<212> DNA
<213> Glycine max

<223> Clone ID: 700954567H1

<400> 21044

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catggatcgc ctaaaatctt ctccgcagct catgattgtt tcggatcttg atcacacaat 120
 ggttgatcat catgattctg agaattgggc cctttttagg ttcaatgccc tttgggaagc 180
 ccattatcgc caagattctc tgctgggtgtt ctcaactgga aggtcaccta cactctacaa 240
 acaactgagg aaggaaaagc ctctgataac tcctgatata gccattatgt ctgtggggac 300
 tgagattctt atggg 315

<210> 21045
 <211> 316
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954568H1

<400> 21045

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 gagtcaattt tgggtgtctga cgatcaagat tttgtcattg ggaaagatgg ggtgaagatt 180
 ccagtgtcag aattgaaggg gaagggtgtc ctctctact tctcaggtca ctggtgtcct 240
 ccatgccgtg cattccttcc aaaacttatt gatgcatatg ataagattaa ggaatagggc 300
 aatgcataga agttgt 316

<210> 21046
 <211> 309
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954569H1

<400> 21046

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 agccaaccaa gatctcagcc tcaagatcgt cgaaaaggcc atgcgaatgc gcgccgcaa 180
 acacgcccc aacgacgacg tttcttctcc gttttcgcag aaatccgaac tcgcagtgcc 240
 cctaaacgac gtcgtttcgg atttgccgag cgcaatcgct gattccgaag tgacggataa 300
 gaagaaacg 309

<210> 21047
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954570H1

<400> 21047

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 atgaaatcag tgggcgagca attgtgggca ataagggcag attacctcaa gagtgcgaagg 120
 agataataag ttgtggtatt ttgtgatgat attgtgaggt ggcaaccaat tgaagctgtc 180
 tcagaatata agacctgaat aaaagtaaca aacttagaca aaaaaaaaaa tggtagaccg 240
 aggagcttcc ttatcttgcc actg 264

<210> 21048
 <211> 308
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954543H1

<400> 21048

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 tcgttaacgt aacccttgac ggcgacatcg aaaccctcgg ccgtcacgac tttgacggaa 120
 aactcacgtt cagcatgacg gcgcacccta agatagaccc cgacacagcg gagtgccttcg 180
 ccttcggtta cggccccgtg ccaccgttcc tcacctgact tccgtttcga cggtaacggc 240
 aaaaaacacg aggacgttcc tattttctcc atgctaacac cttegttctc ccacgatttc 300
 gcattacg 308

<210> 21049
 <211> 292
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954522H1

<400> 21049

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ctctgcagca ctctgtgcca acccagcgag gccagtggat gtacaatttg gccgaaacta 120
 cgtgcccaca tgggcctttg atcacatcaa atatttcaat ggtggttctg acattcagct 180
 tcatcttgac aagtacactg gtactggctt ccagtccaaa gggctttact tgtttggtca 240
 cttcagcatg tacataaaga tggttcctgg agattctgct ggcacagtca ct 292

<210> 21050
 <211> 315
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954523H1

<400> 21050

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 ttcaggctct aaagcatact tgtgatttcc tccattatct cctttgagat ttggacagta 180
 gttggtcata cacccaattc taaattagag ttgggatgtc tggaggagta gtttgatata 240
 gtgatgcac tccacagata cttgagtaaa gctatatgct gtggtgtaga tttttactat 300
 ggagtaaatg caagt 315

<210> 21051
 <211> 308
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954524H1

<400> 21051

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 gtagtaacaa catcaacaac tctctcatca tcatggcagt tgaggctcct ccgcacaaca 180
 tgaatctctt cccctcgcag ttactaacct ccagagaaat gatgaaaccg aatctcggct 240
 tctacaccgc gcagaaacgg aaggcggcgg tggcgcgcgc cgccatgcct attcttccgt 300
 catcaaag 308

<210> 21052

0953113-032200

<211> 313
<212> DNA
<213> Glycine max

<223> Clone ID: 700954525H1

<400> 21052

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cggtgataat tggtgaagag agagagacag agagagagag agaggatggg ttgttgccaa 120
tcatcgatgt tgctgagagt gggagagagg gagactcacc ctgaaaagga gaaggaaagg 180
gaaaaggaaa aagagcaagc gtacggaaac caccagaggc agtctgaggg aggagagggc 240
gacggcgaga aagaggtggt tgatttctcg ttctcggagt tctcgctggc ggactcgaag 300
gcgccaccaa caa 313

<210> 21053
<211> 313
<212> DNA
<213> Glycine max

<223> Clone ID: 700954526H1

<400> 21053

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acaacagaca ccgtcgtcgt cgtcgtcgtc atcaatggca ccgaagcaga ccaaggctga 180
gaagaagatc gcttacgatg cgaagtgggt cgacctaatg gaggagtacg gccagatcct 240
cgttgtgaac tccgataacg tgggatcgaa ccagctccag aacattcgca agggctctccg 300
tggcactccg tcg 313

<210> 21054
<211> 315
<212> DNA
<213> Glycine max

<223> Clone ID: 700954527H1

<400> 21054

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aaaaatggtg accgtggagg aaatccgcaa cgctcagcgt tcccatggac ccgccaccat 180
cttggccttc ggcaccgcca cgccgtccaa ctgctgtctcc caagccgatt accctgacta 240
ctacttccgc attaccaaca gcgaacacat gactgatctc aaagaaaagt tcaagcgcat 300
gtgtgaaaag tccat 315
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<210>	21055
<211>	310
<212>	DNA
<213>	Glycine max

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catcacaata	ttaaagcttt	tagtttcctt	cagtatgggg	gacacttacg	ttttggccac	120
accgaagcgc	aaccgttccg	atgacgtgga	cggcggcgag	gcgaagaagc	tgctgttgca	180
gcagggcgag	gcagaccggg	cggcggcgct	ggcgagcgcg	cggcacgagt	tcggggagca	240
cggcggggtg	aacatgtcga	tcgaggcgtc	ggcgacgttc	acggtgatgg	agccggagac	300
gagcggcgca						310

<210>	21056
<211>	311
<212>	DNA
<213>	Glycine max

<400> 21056

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tatcacacct	gttttttttg	gcaatattaa	gttggaactg	aaactaattg	atcataatag	120
tgaattcatt	acttaaattt	attttaatat	gttgaaattg	gttaggatga	ttgtacctgg	180
ttagtcatca	gttttcaagt	ttttatttac	ttgttagctt	ctcagtatgt	cagatcaaac	240
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ctggggagctt	g					311

<400> 21057

<210>	21058
<211>	301
<212>	DNA
<213>	Glycine max

<400> 21058

<210>	21059
<211>	209
<212>	DNA
<213>	Glycine max

<400> 21059

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 ggtgtttacg tgcaatggaa gaacaagaac tagttcaatc aagttccaga agtctagtct 120
 tacatggaat ggtgagtgtc atgtcatgat ttattattgt ctgttttaca acttgatca 180
 aacctctgaa accggtgatc taatcaaca 209

<210> 21060
 <211> 290
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954534H1

<400> 21060
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 tagaccgtta tggtaaacca ctatccttgt cgcaaattgt ggagaacata gaagacgcac 120
 cctccccaga tgctctcttt ctccagagag tcctgagagt gatggtgcgc agaaagatct 180
 tcagtgcaca agaatcagag acaggagaaa ccctcttcgg cttgacacga gcctcgaagt 240
 ggatccttcg cgacacgaaa atgaccctag caccatggt gctgctggag 290

<210> 21061
 <211> 315
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954535H1

<400> 21061
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 aatcctgtac aaccttgaac ttattattca gtgataaaga acatgtctaa cacccttcca 120
 tctggggttg gcacgcgttt gactctctga ataataagtt caagggtgca caggatttca 180
 gtggatgccg atgtgagggg tgtaagaatg tccatggcaa gaaagaagat tatgttgcac 240
 ttggacatac ttcgagtaaa gaaaggggtg gcagtattgt tgaagaagga tcagactgca 300
 ctattcacia taact 315

<210> 21062
 <211> 319
 <212> DNA

<213> Glycine max

<223> Clone ID: 700954536H1

<400> 21062

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gaattactct tggttcctacc tggttcagca cagcctcctc aatctcctcc tcttgtattt 120
tctctttttg tttttttata ataaaaagat tcagtttttt tgtgttggtcg ctgataccta 180
tttgcatctt gtgttctggg tcaatgctgt catgttctct gcaaattagg gcttcaatcc 240
gtgctctggg gtaattgatt ctggttcgtg tgttgataag taatgtagct ggagaagatg 300
tgtgtattcg aataacaag 319
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<210> 21063

<211> 305

<212> DNA

<213> Glycine max

<223> Clone ID: 700954537H1

<400> 21063

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ccgtcaccat catcgtcate aacgctccca ttttcggaac cccagggcca ttgactatta 120
aggatgtctc ctgcatcccg atccaagtct aaagacagga agcctagcaa ggaagctcag 180
aaggcttctg caaagcctac aggatctggt aatgtagcag ctggagttcc agccagtgc 240
tataaccctt tattaggaac attccatact ctggacatgt caccaacacc tagctcacca 300
ataca 305
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<210> 21064

<211> 310

<212> DNA

<213> Glycine max

<223> Clone ID: 700954538H1

<400> 21064

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catttttctt ctctctactt cttctgcgtc atcttagggg tttggtttgt gctcttctca 60
ctgattttct ggagatgggt tctttcgggc caaatggaac tgaaaatgag gattcgttgc 120
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002220" ETTES60

ctccccacc tcccgttgta ccatcagatg ttgtacctgt taaagctgag ccggagaaga 180
aaaaggcttc aagggttcca atagccaggc gtggccttgc ttcaaaaggg acgaagctgc 240
aacttctcac caatcactac agagtgaacg ttgcaaacac tgatgggcat ttttatcagt 300
atagtgtgct 310

<210> 21065
<211> 298
<212> DNA
<213> Glycine max

<223> Clone ID: 700954539H1

<400> 21065

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taatattagt acaagtagag tagtagtagc tcctggtggt gttgttggtg tgttgtgac 120
tattagaagg ttagatattt atgccacatt ttgatgttta tgcttagtac ccaattgggt 180
gaaaaaaatt ggtttatagc tagctaggca tttgatgtc cgcgcagaga aacccccctg 240
caaagggaaa ctctgctaaa ataaattctg tctctttcag tcatcgcagg atttttga 298

<210> 21066
<211> 295
<212> DNA
<213> Glycine max

<223> Clone ID: 700954540H1

<400> 21066

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gcttttttgt tgaggtgaaa gtgaaatggt tggcaaggat aatctgaggg ctgaggactt 120
gaacttgtgc ttttaagaagc ttatgatggt ggccgggagt gggaacagtg agaaaggggt 180
gaacttgaag gttgggggtga tcaccgagtg gaaggatatt cctgtggagc ttctgatgca 240
aattctgtcc cttgtggatg atcagacggt gatcatagct tctggagggt gtcgt 295

<210> 21067
<211> 306
<212> DNA
<213> Glycine max

<223> Clone ID: 700954541H1

<400> 21067

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 agccagaggt cattcattgg atatcattta ttttgaatga aatattgaga ctactagact 180
 attttgagct atgttgtgtt gtggaggtgc agaagaggat tttggcattc cacctggaaa 240
 tcaatataat gcatcaccta aaaagggtaa tgcataataat ggtggaggag gaggtgacag 300
 agcgag 306

<210> 21068

<211> 310

<212> DNA

<213> Glycine max

<223> Clone ID: 700954542H1

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 tctctctgcc gttcagaagt atgagaagta tcatgtttgc tatggaggtc aagaggaaga 180
 gaggaaagct aattataccg atatggttaa taaatactac gatcttgta ccagctttta 240
 tgagtttggc tggggggaat ctttccattt tgcaccaga tggaaagggg aatctcttcg 300
 aagagcatca 310

<210> 21069

<211> 314

<212> DNA

<213> Glycine max

<223> Clone ID: 700954521H1

<400> 21069

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 ctcgcttcgc ttagggctgc caaagacaac cagggtgccg attatcagag gcttttggct 120
 gaggaaaccc gcaaaaatga agctcttgcc gaagaagttg agaaattgct gaagcttcgc 180

gacgtgttga acaagggatc attaaagttg gtgatgaagt ggaggtgttg ggtctaatagc 120
 aggggtggtcc tctgaaaaca acagtaactg gagttgagat gttcaagaag attttggatc 180
 aaggacaagc tggtgataac gttggtcttc ttctccgtgg tctgaagcgt gaagatattc 240
 aacg 244

<210> 21073
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954496H1

<400> 21073

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 cactcgcttc gactcgtaac gactccgata cccccgagt cacactcagc cagcaccacc 120
 gcccgatccg acgatgtctc gcgcctcttc cgccgcctcc ggcgagatca tgctgttcgg 180
 ggtcagagtc gtcgtcgatt cgatgaggaa gagcgtcaca gtgaacaacc tctcacagta 240
 cgaacat 247

<210> 21074
 <211> 329
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954501H1

<400> 21074

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 tccgcctcac gagggtcacc aacggcacgt gcctttgggg ggccgaggcc cctactgctg 120
 gtcggcaaac ggacggcggg cgcacgcgtc gcttctagcc cggattctga cttagaggcg 180
 ttcagtcata atccaacgca cggtagcttc gcgccactgg cttttcaacc aagcgcgatg 240
 accaattgtg cgaatcaacg gttcctctcg tactaggttg aattactatt gcgacactgt 300
 catcagtagg gtaaaactaa ctgctcacg 329

<210> 21075
 <211> 326
 <212> DNA

<213> Glycine max

<223> Clone ID: 700954502H1

<400> 21075

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atgaagatag ttgtctgcaa ggtggagtct acactgttga tggggatgag actgtgccag  120
ttctaagttc aggctacatg tgtgctaaag gctggcgcgg aaaaacaaga ttcaaccctg  180
ctggtatgcg cacctacgtt agagaatatg atcattctcc tccagccaac cttctagagg  240
gaagggggcac acaaagtggg gctcatgttg acatcatggg aaactttgca ttgattgagg  300
atgtttataag agtggctgcg gagcca                                     326

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<210> 21076

<211> 295

<212> DNA

<213> Glycine max

<223> Clone ID: 700954503H1

<400> 21076

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gctacaagcc caacaaactt ggtttttaatt ggtataggcg tgccaaggctc ttgttaattt   60
tgagcgttaa gtgctgcaac taatcagatc ccaagacctt ggcctacctt gccatacaga  120
aaaaaaaaaa gcaaaaaaaaa agccaagggtt tggagccaac aaaaataaac acaaagcaca  180
agtcattggaa agaataatgg ttggaagtgc aacaagggtt gcttacaccc tcttggccac  240
tttcgccatt gtcattccat gccttgaggc tggcattgcc gagtttgacg atttt       295

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<210> 21077

<211> 297

<212> DNA

<213> Glycine max

<223> Clone ID: 700954504H1

<400> 21077

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aagaattcgc tatcgctggg acagtttttg tttgacagca cagcactcgg aaatttctgg   60
cgatctctgc gttttccctt attttttctg aatctaacaa caaacattcc tctggcaaca  120
atcaatacta ttaataagag ttccttcctt cactctcacc caagccaaag aaaggaacaa  180

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gaacaagacc aacaaagtaa cgtgaaagag aaagagatgg aggaaattgt tccagtgggtg 240
gatttccaga ggctttcaga ggaagaggag cgcaagaagc tgaggaaaac atgtgag 297

<210> 21078
<211> 323
<212> DNA
<213> Glycine max

<223> Clone ID: 700954505H1

<400> 21078

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aatatggagg aaataataat aatatagaat caaacgaagt agctttgggtg catctttaag 120
ggaagaggca ttcagaatth tgcaatcaaa atgcaattta aaatagtaca ttagtggtcaa 180
aactcaaaag cttctgggtc caatgatcat aaacattgct atcgagcttt aataccttat 240
actaaaatca ggggtacaaaa aatgagaata atagaagatg gatgttcgcc tatacaagaa 300
taaaagaata gagtgaagcg cca 323

<210> 21079
<211> 287
<212> DNA
<213> Glycine max

<223> Clone ID: 700954506H1

<400> 21079

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ctcaccctt catacgcact ctatggagca tccacacccg tgcttcaact cactccctct 120
aacttcaagt ccaaggttct gaattcaaat ggagttgttc ttgttgaatt ctttgctcca 180
tggtgtggac actgtcaggc tctgactcct atatgggaga aggcagctac tgtgttgaag 240
gggtgtgtta ctgtggcagc aattgatgct gatgctcacc cgtcttt 287

<210> 21080
<211> 317
<212> DNA
<213> Glycine max

<223> Clone ID: 700954507H1

<400> 21080

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tatgctactt ctactgctgc agcaacaact caagtttcag ggaatgaaga gctgccaaag   180
acaaacctaa atgggcatga tgaagaagca aaattcggat tttttcatca taaaccaata   240
ttcaagaaac atattccaat tccagtatat gaacctgtaa caagccatt tccagtgtat   300
aacctatac aaagcca                                     317

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<210> 21081

<211> 309

<212> DNA

<213> Glycine max

<223> Clone ID: 700954508H1

<400> 21081

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tgcgaaaaga agagagtgcg gcgccaaggc aatgggaagg agcactttgg ctttggttct   60
cgcgattctg atctctttgc agggaacccc ccacgttaga tccgatgcct ccgatcatcg   120
ttacaaggac ggagactccg ttctctttta cgccaacaaa gtcggtcctt ttcacaaccc   180
cagtgaaacg tatcgggtact ttgacctgcc attctgtgta acaggtcatg agaaagataa   240
gactgatgcc ctcggtgaag tgttaaatgg cgatcgccct gttagtgtct cttatgaact   300
tagttcaag                                     309

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<210> 21082

<211> 314

<212> DNA

<213> Glycine max

<223> Clone ID: 700954509H1

<400> 21082

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gcaattcctc caaatcgctg tcactcgctg cttagttcgg ttctaactgc atgaactggg   180
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agatgggtta tagataccat tggtggcaag gaggatggcc ttcgcgttga aaacttgagt 240
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0953143-032200

<223> Clone ID: 700954513H1

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<211> 305

<212> DNA

<213> Glycine max

<223> Clone ID: 700954514H1

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ttgggatttg gtacaacaaa atctcggaac aaacggttgt gtgggttgcc aacagagaca 240
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<212> DNA

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<223> Clone ID: 700954516H1

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<223> Clone ID: 700954517H1

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 <223> Clone ID: 700954459H1

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 atggcacatg cagctatcac gtgcgggcag gtgacgaata gcctgatcaa ttgcatcggt 180
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<223> Clone ID: 700954460H1

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ggaggttgtc tatcatcgaa gcctaaggca gtagataatg gctcagcttc cggcaatacc 180
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tgg 243

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<223> Clone ID: 700954462H1

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agaaggaagt tggtcaggac agaggagctc tcgtttagtt ctatgctcct tgggtgtggac 180
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<223> Clone ID: 700954463H1

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accattgaat tcatatacaa gacaacgata ccatagtgc gtaattataa acataacatc 180
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 acaaaataac tgggtgggac actcctattc atgttgatgc agccagcggg gggttcatag 180
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 tctaattggca tcacagtggg gctaacagca agggatgaga aaaggggtct tgaagctgtt 180
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 gatttgtaat cacttgatta ataatacttg taggggataa tagactgtta tactgtctta 180
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<223> Clone ID: 700954473H1

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<210> 21112
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Abstract

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<212> DNA
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<223> Clone ID: 700954430H1

<400> 21124

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tataaaaatc tcgctcacta actcttggtc ttccaaaacc aattctctgc actcttcac 180

aagctccgct ccaacacagg ggaaaatgag ggagatcctt cacgtgcagg gagggcaatg 240

cgggaaacca 249

<210> 21125
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700954433H1

<400> 21125

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aataataata aagttcattc accacactat ttaatattat cttaacacgg gaagaacttg 120

atttggcaca acatattatt ctctctcccg aagcaagcat gagggattaa ttctgatctg 180

atttcgtttc caaacgcggg gcctaatttc cacctaagtt tgataacttc gatttgtggt 240

agaccaaact tttcg 255

<210> 21126
<211> 195
<212> DNA
<213> Glycine max

<223> Clone ID: 700954434H1

<400> 21126

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095443-03200

0953413.036200

cgcttcttac tgtcaccgac agcacttgct ggattaatta ccatgttgca cgcattgccta 120
gacatgaaag ctatttgtgt gggaaaatat cactatgttc tctacttcct cgttttggca 180
atgcagccag ggatg 195

<210> 21127
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700954435H1

<400> 21127

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cagtgggtgt tacggaaaaa gatttggcta gagatgcaaa ctcgaagttt gagaatgtga 120
ttttgagcaa gattgactca aagttgggtg gtttattagc tgaagcctct tctgaagagg 180
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gggttggat 249

<210> 21128
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700954436H1

<400> 21128

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taagatacca aggaactatc actcgagaga gtttgtcttt cattggaatt acttgtattt 180
caacatctaa tccttttagg aggatagtat atttgagctt tacagtttta gtcattggaat 240
tagacca 247

<210> 21129
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700954438H1

<400> 21129

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 cagtgttaag ggtgtcatcg gaaccggcat taacatcatt ggaggagtcg tcgacaccgt 180
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 tgggaa 246

<210> 21130

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700954439H1

<400> 21130

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 atggtagcag cggagcccc gaatccttgc cagagacgct tctgtataa tgcggttaat 180
 ttgctaatac tatgtactta atttgtttaa accatagtca tagtatgtct tacttgtcaa 240
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<210> 21131

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700954440H1

<400> 21131

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 gtgatcaaca catgcaacgg catgagatgc ggagaaactt ttactggacc aaattcccc 180
 aataaacctg ccttgtggac tgagaactgg acatctttct atcacagtgt atggtggact 240
 gccata 246

<210> 21132

<211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954442H1

<400> 21132

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 gcaagattaa gcagagaaag gaaggatctg tctcaggttg agatagtggg gaaatttgct 180
 ggtgcggttg gaaattacaa tgcacatatt gttgcatatc ctgatgttaa ctggcctcac 240
 attgcag 247

<210> 21133
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954443H1

<400> 21133

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 cttaccatct tggattatat catccagctt acattgcact attctacgat aaagtgttct 180
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 atttt 245

<210> 21134
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954445H1

<400> 21134

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 ttgtcttggg tgaattctca gtgactgctc ctgctgggtt tcctgatcat ccacatagag 180

gatttgagac ggacacatac atgttgcagg gagctgtaac gcacgaagat tttgaaggac 240
at 242

<210> 21135
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700954446H1

<400> 21135

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aaatcgggac tggggttttg ctgtccgttg gaggtgctat tttcatcaat gtgtttctca 180
gtcagagtac tcgtcccga aagtttccat ctatactttt tccaattgaa attaaaaata 240
tcca 244

<210> 21136
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700954447H1

<400> 21136

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ggtagtttgg tttgacatat tacatttatg atttggtagg cacagttggg gaaatgagaa 180
gacatttggt gtatacctaa atgtgcttct ttaatatctt ttcaacacaa gcctgagaat 240
tgtg 244

<210> 21137
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700954448H1

<400> 21137

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 ggccgcattg cctctcaaga gggacaggac gagatctaag aggttcttgg aaattcaaca 180
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 agctaaa 247

<210> 21138
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 <212> DNA
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<223> Clone ID: 700954449H1

<400> 21138

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<210> 21139
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 <213> Glycine max

<223> Clone ID: 700954450H1

<400> 21139

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 atcaatcaat ttccccacta ttagggtttt tcatttgaaa tgtggagagc caataatgga 180
 gcccttgaa tccgaatcgg ttagttcctc cgccaaggac ccgctattgg gtgaaccatc 240
 ttcctctggt c 251

<210> 21140
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954451H1

<400> 21140
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 tcaacacgct ctcttccttc tacgatgaca acactcctca ggcgcgctcg aacctccgat 180
 ccaccatcga gaagcgcgcc ctctccatca accgcgaatt cctcgacgct tcccacgccg 240
 cgcagtggg 249

<210> 21141
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954452H1

<400> 21141
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 gtactccgga ggtgaaatgc gcaagttgga ggcttgctgt ggaagcacac aacatctttg 180
 gctttgagac cattcctgaa gagtgcgttg aagcaacaaa ggaatacatc catggcgaac 240
 aata 244

<210> 21142
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954453H1

<400> 21142
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 ttccacaatc acaatggcgc gagtggatct ggatggtaac cccatcatgc cacttacgat 120
 ctgcatgac ggcgctggcg ggatcatcgg gtcgcacctc tgcgagaagc tcatgtccga 180
 aaccctcac accgtcctcg gcctcgacgt ctacagcgac aagatcaaac acctcctgga 240
 tcccg 245

<210> 21143

<211> 223
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700954454H1

 <400> 21143

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 aggttgatag acgaaaggcg atccacacag agggaaaaac tctgtctgat cttagaaact 180
 ctggggaaga ttaccctggc tcagattatc atccctcaga cag 223

<210> 21144
 <211> 246
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700954422H1

 <400> 21144

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 ataggaactc tgatagcaca gaatctgagc caagggaaac tggcaacagg gttgtcaatg 180
 tgtccaggat acttgtgacc gaagtggatc ttctgcagcc tgacaggatc cataatggga 240
 ttgtgt 246

<210> 21145
 <211> 72
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700954455H1

 <400> 21145

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 caacatgttc aa 72

<210> 21146
 <211> 99
 <212> DNA

<213> Glycine max

<223> Clone ID: 700954456H1

<400> 21146

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cgtctcaagt cctaggttct cggaccacct aagtgtcca 99

<210> 21147

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700954391H1

<400> 21147

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gtgaatttta gagcaatgtg attgcctctg gtggccttgg cggggagggt ttgatatggg 180

atatcgaagc tgcactagct tcagctacaa aatgcaatga tccaatggat gatgatgata 240

attcaaata tatcaatgtt t 261

<210> 21148

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700954392H1

<400> 21148

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agaggaaca aggcttcaat tgatgagcat ttttgcttga agtggcttga ttcgcagaaa 180

ccgaaagggt tgatctatgt gtgccttggga agcatgtgta acataacatc acttcagtta 240

atagagcttg gttt 254

<210> 21149

<211> 208

<212> DNA

<213> Glycine max

<223> Clone ID: 700954393H1

<400> 21149

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 atacagagag atgatgtcaa ggcaattgtt gttacagggtg caaagggaaa attttctgga 180
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<210> 21150

<211> 193

<212> DNA

<213> Glycine max

<223> Clone ID: 700954394H1

<400> 21150

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 gccaaagagg aaggcctctc ttccaatccc cactccatgg aaattgttga gctggctgcg 180
 cttctccatg aca 193

<210> 21151

<211> 241

<212> DNA

<213> Glycine max

<223> Clone ID: 700954395H1

<400> 21151

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 ggaccattca tcggtgcagc tcttgagca ctctaccacc aggtcgtaat cagggccatt 120
 cccttcaagt ccaagtgatt caatcaaacg gttcatgctt aatcaagttg ggaacaacaa 180
 caacaacaag aatcaagcca atgtttgtgg ggtttggtt catttcgatg agatgatctg 240
 t 241

<210> 21152

<211> 277
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954396H1

<400> 21152

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 gcattctcag ccttctaata gaaagcattg atgatgagaa ttgtgatggg ggtggaagca 240
 agaagagagt tatttctctt ggtatgggtg accaact 277

<210> 21153
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954401H1

<400> 21153

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 gagaacgttg aagccaattt ggacaaaactg gttctatcag gtcacagtag ggggtgggaaa 180
 actgtatttg ctgtggctct tggatcatgca aaaactaatc tcaagttttc agcacttgta 240
 ggcacatct 249

<210> 21154
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954402H1

<400> 21154

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 cggcgaatac ttgaaactct tacctatctt gctcgccatc atccatttgt ggcaaaaatt 180

ttgcttcagt ttaggctgca tcctcctgca ttaagagatc cagataatgg ctggtgttgc 240
acctggcaaaa 250

<210> 21155
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700954403H1

<400> 21155

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ctcttcttct tcctctgctt tcttagctcc ctcttccttc aattccagag gacaggtttc 180
gttgctgtg aagagcgtga gcatttgcaa atgcgttgcc acacccgaag ctgagaccgc 240
ctacaagaca gggg 254

<210> 21156
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700954404H1

<400> 21156

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acttggttgg tcatacaaaa ggatatatac aagtcttctgt acttgctcca gacaatatgc 240
tggaacttc a 251

<210> 21157
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700954405H1

<400> 21157

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 cctggatgca acaaagggtg tgagagccga actgcttatt gtaaggccca tggatggatgg 240
 aagaggtg 248

<210> 21158
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954407H1

<400> 21158

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 ctctccagct agtgggtattg acgaccatct gccatatgcg gatcatgtct attgcggggc 180
 tgctcctact tcgatgcagt gaaactgcat gcaccagagc cttcctgagt cgagctatgc 240
 agcgtggc 248

<210> 21159
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954408H1

<400> 21159

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 ataaagatta ttgaaatgaa attggtctga gaagaactct aaaattatgt tatctattgg 120
 taacactggg atgttaattt ccccggcagc aacatttttg cgtttccttt gagaagtgg 180
 cattggtgat agtagtctca atcagttgaa tctcttgtgt ctatctcaag ataatttgct 240
 agagctg 247

<210> 21160
 <211> 251
 <212> DNA

<213> Glycine max
 <223> Clone ID: 700954409H1
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 ggagaaagag gttttcattg ttgtggttgt tgtagaagaa gaagaagctg aagaagaatg 240
 gagtccacag a 251

<210> 21161
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954410H1
 <400> 21161
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 tttgtggacg ggaatggaaa cgtagctgtc ggtttgaagt tgcataataa accaagtaat 180
 gatggcctta accgacagtt tcctctagag attcgcgccg ttctatttga agagacttca 240
 cttccagc 248

<210> 21162
 <211> 245
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954411H1
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 catagtaatt ttgggtcata gaactgtgta tcagaggcag caaatcagaa gagtttatga 180
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gaaag

245

<210> 21163
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700954412H1

<400> 21163

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agctggaaaa agagtcgaaa tataagtatc ttgatgctga tgattttcac tcagaatcaa 180
acaagaaaa gatgcgtatg ggaatccac ttacagatga agatcggatg ccatggtttg 240
aatc 244

<210> 21164
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700954413H1

<400> 21164

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caatgcaaag ggtgtcccaa acctccaaa tctggaggac cgtagcctcc aaagctagaa 120
taaacgtgtt ttccatcaac gacccttttg cttcgcgtc cttctctgcg gttcccgtcg 180
tggcagcaac caccagaaaa ttgcatcaac cggagattcc gagcagtttc cagaaatggg 240
gttcggtt 248

<210> 21165
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700954415H1

<400> 21165

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gaaggaatcc ccccggaacca gcaacgtctc attttcgccg gaaagcaact tgaggacggc 180
cgtacccttg ctgactacaa cattcagaag gagagtactc ttcacctcgt cctccgtctc 240
cgtggtggca 250

<210> 21166
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700954416H1

<400> 21166

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gttgaataag cctgagtgcag aggtagaatt tgatgaggaa ggaaagggtg ttggtgtcac 180
atctgaaggg gaaactgcaa agtgcaaaaa agttgtttgt gatccatcat atttgcccg 240
caaggtgagg 250

<210> 21167
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700954417H1

<400> 21167

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ctcgagaaga ttgacacatc cacatccaca tcctcatgaa gatggcaaca ggagaaagat 120
tttagaaaga cttgattctg attctcagaa gttgacaaac cttgaaatta ccgtgcaaga 180
tttgatgagc acgatagaaa ttacagagag cacaaagga aaagatagtg agtatgatac 240
cgtgaaagga cagc 254

<210> 21168
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700954418H1

<400> 21168

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cgagagtcac accattacaa tgcaagtaaa tgaaggacac aacagacctt gtcagacccc 120
atttttacag tggagtaaata ggcagttgct tgattctctt ttacctactg gtggatttgc 180
tcattctttt ggctcgaag caacagttca gtcccactta gtgtctaatt ccaatgacct 240
taagacattg 250

<210> 21169

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700954419H1

<400> 21169

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ccatcttcaa aatctcaatt cgatatagga gggagctgtg ccctgccctg acgttaaaaa 120
aatgtcgctg aatatgaaaa ccctaaccga agcattggcg aagaccgagg cggtgatcga 180
gaagacagtg catacgacgg tgcaggatgt gacaggcccg aaggcacttc aggactgaga 240
gctgctcgac 250

<210> 21170

<211> 194

<212> DNA

<213> Glycine max

<223> Clone ID: 700954420H1

<400> 21170

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gtaaataata aagttagttt ttaatatgac ccaatatatg ttgggttttg taaaggttga 120
gataaagaat agctagttga atttataagt aagaagaaaa aggggggagg acacaaaatg 180
attgggtttg acag 194

<210> 21171

<211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954421H1

<400> 21171

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 tggcattcag cgggacccaa cagaaatgca aggcttgca caaaactggt cacttggtcg 180
 aaggttttatc tgtcgatggg gctgcttatt acaagaattg cttcagatgc agccattgca 240
 atggcctt 248

<210> 21172
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954390H1

<400> 21172

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 tttgtggggt tcatcacagt tcgctccttt ctgcaaaata aatttggtccc aaaagtataa 180
 tcaatacttt gtatttcatt ttggataatg attgtggagg acgaaaattg tgggtgttgg 240
 tctgggggag gagga 255

<210> 21173
 <211> 83
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954360H1

<400> 21173

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 aagtttaaaa gggttgggtt ttc 83

<210> 21174

<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700954361H1

<400> 21174

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gctaagttgt ctgaagaggc tagactcaga gaagcagctt ctctggaaaa gcatgttctt 120
ttgaagaagc ttcgagatgc actgcaatcc ttaaaaggga gagtggcagg aagaaacaag 180
gatgatgtag cggaagctat tgctatggtt gaagctctag cagttcaatt gactcaaagg 240
gaaggggaat taatacaaga gaagtctg 268

<210> 21175
<211> 211
<212> DNA
<213> Glycine max

<223> Clone ID: 700954362H1

<400> 21175

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tggttgcttc tcagttttgc gaattccata gatcaaggtc agccccgtca aaatccctca 120
gagaacagcg tctcggggga aaaggtcacc gaaggaaaat tttgggaaac tttgtgagtt 180
atctgtctca cgagttctct tcatttgtca c 211

<210> 21176
<211> 275
<212> DNA
<213> Glycine max

<223> Clone ID: 700954363H1

<400> 21176

gcaagggccca tacaatgggg ttggactctg cacaccgacc tcaaacttgt gtccgaacag 60
agacctttac gcgttttggg atccattcca tccatcagag aaagctagtc gaatcatagt 120
ccaacagatc ctgagaggca cactgagta catgcacccc atgaatctca gcactatcat 180
ggccatcgat tccaagactt gatcaatgca tcactacaa taaccttcct tcgtattcta 240

tctatgtgtg tgccccctaa ttaagtttat ttcac

275

<210> 21177
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700954364H1

<400> 21177

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cagggggaat taaattgttt ctatatattg ttttcagttt ttcacaaatt agaagtcgat 120
aaagaagatg gtgaggggtg tgagaagctg cattcaatcg acattgaagc tggtaaactc 180
ggtaattggg atggccgggc tagccatgat tctatactcc gcatggatga ttagggtagc 240
acaaggaag atg 253

<210> 21178
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700954367H1

<400> 21178

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ttgaatattg ttgtatttca caaaaaaaaa gacaaaaaaaa aaaaaaaaaa aaaaaaaaaa 120
agggcggccc cccatttttt gccccggccc ccccgggatt taatccgggc ccggtccctg 180
cgggggtacg attttcccct aagggggggc gttttgggct ttgggggtatt cagggccatg 240
attgttcccg gggagaaatt tt 262

<210> 21179
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700954368H1

<400> 21179

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002230"EFES60

tcgattcgaa cgttcttgaa gttgaaagtc attaactatg ggaatgatag tggagggttga 120
 aaacgaaaac ggagacctaa acgacgccgt tcttggtcca cccctaact tctccatggt 180
 cgaggactgc attttccgat cgggctccc caaccctcc aatttccct ttctccaaac 240
 cctaaacctt cgttccatca ta 262

<210> 21180
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954369H1

<400> 21180

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 ttgcttacct taaaatctcc atccctacaa aaagaagaag aaaaacaaga agaagtttaa 120
 catgtcagct gccgtggccg cttccgctgc cgccgctacc atgtcgggtt accaccacaa 180
 ctctctctcg agacaacaac aacacataga ccatgaattg gccttaacac cacaacgagt 240
 gtgtgtctct ccacctctga 260

<210> 21181
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954371H1

<400> 21181

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 ctgagccatt tttgtcaccg atttgcaaga cggcacctta cccacttgat ctcatagcca 120
 ccgccgcgtg cctccacttc ggccaccttc tccgccgcg cgccaccac catccccgcc 180
 ttgggggttct tcttcaactc tgtttcaaga ttgaaggatt agtgggtgtca gagatgcctt 240
 caactcaatg ggttgaact 259

<210> 21182
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954372H1

<400> 21182

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 caaagaaaag ttttgatcgg ctaaaggggt agacattctg atgtattttt gtattaccaa 120
 gaaggcaaag agttatgaat tttcagatct cagttgcaca cattaaagtt tgttctgttt 180
 ctgagttctg tttcaaagat catagattaa ctcagactgt ttctgggtgt tttttatttt 240
 tttttgataa a 251

<210> 21183

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700954373H1

<400> 21183

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 caacgtcatg ggaagattgc accagggtccc aaggcgttgc caattattgg taacctccac 120
 atgctaggga aactcccgc cgcaccctt caaacctttg caagaagata tggaccata 180
 atgtccttga agctagggca agtccaagcc atagtgggtt cctcccctga aaccgtgaa 240
 ctattcct 248

<210> 21184

<211> 150

<212> DNA

<213> Glycine max

<223> Clone ID: 700954375H1

<400> 21184

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 ttgaatattg gtgtatttca caaaaaaaaa gaaaaaaaaa gaaaaaaaaag aaaaaaaaaa 120
 agggggggccc cccaaaaatt gaccccccaa 150

<210> 21185

<211> 246

<212> DNA

<213> Glycine max
 <223> Clone ID: 700954376H1
 <400> 21185
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 tcgattcgaa cggttcttgaa gttgaaagtc attaactatg ggaatgatag tggagggtga 120
 aaacgaaaac ggagacctaa acgacgccgt tcttggtcca cccctaact tctccatggt 180
 cgaggactgc attttccgat ccggcttccc caacccttcc aatttcccct ttctccaaac 240
 cctaaa 246

<210> 21186
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954377H1
 <400> 21186
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 ttgcttaacc ctaaaatctc catccctaca aaaagaagaa gaaaaacaag aagaagttaa 120
 acatgtcagc tgccgtggcc gcttccgctg ccgccgtac catgtcgggt taccaccaca 180
 actcctctc gagacaacaa caacacatag accatgaatt ggccttaaca ccacaacgag 240
 tgtgtgtctc tccactct 258

<210> 21187
 <211> 272
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954379H1
 <400> 21187
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 ctcagccatt tttgtcaccg atttgcaaga cggcacctta cccacttgat ctcatagcca 120
 ccgccgcgtg cctccacttc ggccaccttc tccgccgccg cgccaccac catccccgcc 180
 ttggggttct tcttactcc tgtttcaaga ttgaaggatt agtggtgtca gagatgcctt 240

caactcaatg ggttgaacta tcttcaacta tc

272

<210> 21188
<211> 224
<212> DNA
<213> Glycine max

<223> Clone ID: 700954380H1

<400> 21188

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caaagaacag ttatgatcgg ctaaaggggt agacattctg atgtattttt gtactaccaa 120
gaaggcaaag agttatgaat ttccagatct cagttgcaca cattagaggt tgttctgttt 180
ctgagtgtctg tatcagagat catagattga ctcagactgt ttct 224

<210> 21189
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700954381H1

<400> 21189

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gattatggga gccacaaacc cagctcaatc tgagcctgga actatccgtg gtgactttgc 120
cattgacatt ggaaggaatg ttatccatgg aagtgatgca gttgaaagtg ctaacaacga 180
aattgcattg tggttccctg agggccctgc taactggcaa agctcccaac actcttgat 240
ctatgagtaa atcatatgcc tcaag 265

<210> 21190
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700954382H1

<400> 21190

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acaactagac ctagatatgg cagtggcgca aaaagaaaag gaccctgatc ctgctgtact 120

gaagagactt tctgagaagt tgcattctaag gacaataaat gacctaacga aagagtctag 180
 tgaattacct gaattgttga tcacaagtgg tggagaacta cgcgactctt ttgaaatgat 240
 cacatccctt ctcagcaaac t 261

<210> 21191
 <211> 203
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954383H1

<400> 21191

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 ctcagggtat ttggatttgt ttcctgagcg caaaatgtca tttttcaaga gtccttatat 120
 tctgggactc agtgctgtgg ctggcattgg aggcattgctt tttggctacg acacaggtgt 180
 gatatcagga gcacttctat ata 203

<210> 21192
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954384H1

<400> 21192

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 cctttaatgc ttaattttct aatgaagcat gcaatattgt tttgaattag tcaccttcaa 120
 gtcgaggaac atacatatac acatatgtgt tgtgatcacc acaccagatt ccacttcttt 180
 gctgagtgtg tggatgtgtg tacatagatt ttgttgtgta tatatttggg ttctcacctt 240
 ca 242

<210> 21193
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954385H1

<400> 21193

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 attgagtctt tttgttttga ggtaattttt ttcctccacg gtcaagccaa ggcgattagt 120
 tacgatagcc acttatatctt ttgtctccga tgtaattgca atctttaatc gtcgtccttc 180
 gtagtgggaa tatatgtaca gataatgtct tggcataata tattcagaaa tgtaagacg 240
 ttcttcca 248

<210> 21194
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954386H1

<400> 21194

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 gttgatcttg cagcaagaga tgatctgtac aatatgcttc caactactgt aacaactgct 180
 ttaagggcta agcttaagtg ccatgcgaaa agtaaatcat cctccaatgc tcatgatgca 240
 aaccctgctg ctgaatg 257

<210> 21195
 <211> 235
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954387H1

<400> 21195

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 gcaggcaggt gcagctgttt cccgttctgc tctctccca acccctctgt ttctttggag 120
 tgagaaagtt ttatacttta gaaccagcta gcgagcaagt gagccagtgt catacatata 180
 tataaatagc gtgcgagaaa tgcagcagca cctgatgaag atgcagccta tcatg 235

<210> 21196
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954388H1

<400> 21196

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cagcgtaagg gagcaggctc ggtcttcaag tcccacacgc accaccgcaa gggccctgcc 120
cgcttccgga gcttggattt cggagagcgc aacggctacc tgaaggggtgt cgtcactgac 180
gtcatccacg atcctggccg tggcgcgcct ctcgctaagg tcgccttcgc ccaccgcttc 240
cgctacaaga agcaga 256

<210> 21197

<211> 182

<212> DNA

<213> Glycine max

<223> Clone ID: 700954389H1

<400> 21197

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tcacgcattg cttaaccgcc accacaaacc ggcgcacgat agcaccgccg gcgtacggag 120
aagaacgcct tacgtagttt gcgctgaaaa aggcagcaga gcttcgacgc gaagccagat 180
ga 182

<210> 21198

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700954359H1

<400> 21198

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agatctgctt gtttcttcca tcatcaacta atcatgggtc ttcacagaga actcgatcat 120
ctcttttcat cccctttcgt tgaccctccc aaagatgatg cgaaatccag tggcatgtca 180
attgaaaaga agattgagtt cctcgagagt ttgactggaa aggtcacaaa tcggaggtct 240
cggaggtggg taaatgatcg tctct 265

<210> 21199

<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700954326H1

<400> 21199

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aaggagaatc caaaattcaa ttccaacaca taaaatttca agtccgaggt tgcctataaa 120
aaccactttg gaccccttc gctcattgca gcctcaagaa tccacacaaa ctcagggtag 180
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tgcattgtgg cgctggtgtc gaccct 266

<210> 21200
<211> 270
<212> DNA
<213> Glycine max

<223> Clone ID: 700954327H1

<400> 21200

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caatggctaa tttccaacac cttagtaatg tcaacatgca agatgatggt gttgctcaaa 120
tgcccgacc taatggaaga tcacctttgc cagacatatt tcaaccaa at tttcaaactc 180
aaactcctag ctcaatgatc aacacttcaa ggaaagaaga aactaaagca tttgacttta 240
tctcgacca tatgtcatct gctcgtgatt 270

<210> 21201
<211> 158
<212> DNA
<213> Glycine max

<223> Clone ID: 700954328H1

<400> 21201

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ccatatccat cggactcgtt gttcgatgtt tgggtcacac acccgtaaa gtcacccccg 120
aggactggca gctactctgg atattcctct caccatcg 158

<210> 21202
 <211> 273
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954329H1

<400> 21202

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 ccacaatgaa gtgcccttct tcttttgggt ctgtgaagag catttccaga tcttttggct 180
 tgaagtcac cttctcattt agagtcactg ccatggcttc ttacaagggtt aagctgattg 240
 gccagatgg aacagagaac gagtttgaag cca 273

<210> 21203
 <211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954330H1

<400> 21203

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 aattcgacaa agtcactgat tttgctggaa gtacgaattc cattataatt gctgcattga 180
 ccctggatcat caaaggctcc tggatatttc gacagataat cctcactttg tttgttggga 240
 tatcggaat tcgcctcggc cttttcctcc tattc 275

<210> 21204
 <211> 193
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954331H1

<400> 21204

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gtttggtgca gtcccggtg ctcttaccta ctattggcga atgagaatgc cagagacggc 180
tcgctacacg gcc 193

<210> 21205
<211> 206
<212> DNA
<213> Glycine max

<223> Clone ID: 700954333H1

<400> 21205

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tctcgctaaa ttacaattcc ctttcttggt cctctccaac ttctccttct cggttttctgc 120
ggacatgtaa attcggagga caccgtcttt ggctcgggtct attttttttg gggttacttt 180
acttcgggta cgcgtcgtcg ttttgc 206

<210> 21206
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700954334H1

<400> 21206

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gggctgtttt tggcgaggaa gttgtcgttg ccagggcga ttttctacat cgtgatgcaa 120
tgcttgggtg ctatttgtgg cgctggcgtg gtgaagggtt tcgaggggaa aacaaaatac 180
ggtgcgttga atcgtggtgc cactttgttg ccctgggta caccaagggt gatggtcttg 240
gtgctgaga 249

<210> 21207
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700954335H1

<400> 21207

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0053113-03200

tggaactttg acgccattgg ccattgagtt aagtaagcca catcctcagg gtgaagcata 120
 tggctcctgtt agtgaagtct acgtgccttc gagggaagga gttgaagctt acattttggtt 180
 actggaaaag gcttacgttg tggatgaatga tgcttgctac catcaaatca ttagccattg 240
 gctaaacact catgcggttg tgg 263

<210> 21208
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954336H1

<400> 21208

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 gttttgccgt ggtgttcctg atcccaagat caggatttac gatgttggtg tgaagaagaa 180
 ggggtgttgat gagtttcctt tctgtgtcca tctggttagt tgggagaagg aaaacgtttc 240
 tagtgaggcc ctggaagctg ctctgtatt 268

<210> 21209
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954338H1

<400> 21209

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 ctccccacc acaaagaacc caaggagttt gtctcggttg accaacttgc tgaacttgga 180
 gtccttagct ggaaactaga tgctgataac catgaaaatg atccagagct gaagaagatt 240
 cgtgaagagc gtggttacac ctacatg 267

<210> 21210
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954339H1

<400> 21210

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 cagaatatgc aagtttccat gctgaccctc agaagtattt tctgaatgca ttgcctagct 120
 tgctgcaagc cacaaagttc atggctgtgg ttgacacact ctccactcac tcacctgatg 180
 aggagtactt gggggagagg caacaacctt caatttggtc tggagacgcc gagatcgctc 240
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<210> 21211

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700954340H1

<400> 21211

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 gaggaatagc aagagtcctt tttccacttt gcatatacca atcattcgtt ttacggttcc 180
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 ttcattccaa acacgatcca ggga 264

<210> 21212

<211> 66

<212> DNA

<213> Glycine max

<223> Clone ID: 700954341H1

<400> 21212

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<210> 21213

<211> 263

<212> DNA

<213> Glycine max

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tcgtgaccta ccggagccag caggtcacgt a 271

<210> 21219
<211> 268
<212> DNA
<213> Glycine max

<223> Clone ID: 700954350H1

<400> 21219

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ttccagcaat cacttccggt gctaaacctt ccaatgcttg ttgcacgaag ctgaagcagc 180
aaaaaccatg cttatgtggc tacctcaaaa acgctagctt gaagcagtat gttaactctc 240
ctaatgcccg aaaaaccgtt gcttcttg 268

<210> 21220
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700954352H1

<400> 21220

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caagcagttc ctcaacgacg ccccatgaa cccttcccc accacctacc gcgtcctcat 120
caaagggtta atcgataaca gcaaactcga acgtgcaatg gatattaataa ccgaaatgga 180
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ggtttccgat ggtgatgcct atttg 265

<210> 21221
<211> 199
<212> DNA
<213> Glycine max

<223> Clone ID: 700954353H1

<400> 21221

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 acaccacaca gtgaaaaaga gagaaactcc atcttctttc tttctttctc actcaccaca 120
 gaacacaaaa aagctttcca aaattccggg ttggggaatc acgcgaaccc attcaaaggg 180
 ggggggaagg ttttagggg 199

<210> 21222
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954355H1

<400> 21222

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 tgaggacagt cttgatgatg accttgatga atcatcagag tctgatgatg aaaatgaaca 180
 tgacgacttg ccgccattta aacctttaac taaggcccag gtggaaaagc tgtctaaagc 240
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<210> 21223
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954357H1

<400> 21223

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 aacttaggtc aagtctcat gagcttttgg gtcgtgttgt tcttggttaag atgaggttac 180
 ctgcatctac tgtgagaatg ctggttggtg gagaaggtaa ttattctgga agaggagat 240
 tttcatcagc agatgggtgt c 261

<210> 21224
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954325H1

<400> 21224

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 tcggaaactt cacactttcg aggaggtggc aaagcacgac cagaccaagg attgctggct 180
 catcatttct ggcaaggtgt atgatgtcac ccctttcatg gaggatcatc ccggacgtga 240
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<210> 21225

<211> 242

<212> DNA

<213> Glycine max

<223> Clone ID: 700954295H1

<400> 21225

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 attggcttca gcagctcctt tgctttgtgc tgggaattaca gtttattcac cgatggtgcg 120
 ccacaagatg aatcaacctg gtaaattctt tggagtgtt ggtcttggtg gcctcggatc 180
 tatggcagtg aaatttggaa aggcatttgg tttgagtgtg acagttttca gcactagcat 240
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<210> 21226

<211> 241

<212> DNA

<213> Glycine max

<223> Clone ID: 700954296H1

<400> 21226

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 aaggatcgat gtgggcagct tcttgctcgg cgatcatgctg cgcggcctgc gcatgcgacg 180
 cctgcaggac cgctgatatc ggaatcatcc gccgttccgc caggatcgcc tactgcggcc 240
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<400> 21227

<400> 21228

<400> 21229

0937

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 ctgtgattga ttctctgcaa ccgaatcatc atcagccact tcttctccca gtttcagctc 240
 tcgcctctct cttcttttgc tcggctctgg ttcggt 276

<210> 21230
 <211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954304H1

<400> 21230

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 ttgtcagatc tgaatcaccg gactcactct tcacactcac tcacactgaa tggcttctga 120
 aggcgacat caccaccacc accaccacca tcaagatcac gatcatcatc atcatgatca 180
 tgatcaccat catcatcacg atggagacgg agagaccaac tcatgggtag gtaaggatgg 240
 gaaggtgtac catagccacg atcgtctggc gcgca 275

<210> 21231
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954305H1

<400> 21231

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 aaacctcgc acatggatcc tcttcaccgt cctcttcac cagatcctcc tcctctgcaa 180
 cctccatagc ttcccttctt caattccacc tccctctctc ccatctcgcc gccaccgaca 240
 cgacaccgac accggacat 260

<210> 21232
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954306H1

<400> 21232

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 atgactagac tgggacgagc tgggtgcagtt gctcagcttg tagctgatgt tccccattct 180
 gcagtggagg gggatcagga catagaacgt gtatccaatg agcaagcctg ggacgagtgg 240
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<210> 21233

<211> 270

<212> DNA

<213> Glycine max

<223> Clone ID: 700954307H1

<400> 21233

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 tgcccgaacc gcatatatct gggttggaac ctccgaaaca cagtgccccg ggcaatgcgc 180
 gtggccattc caccaaccga tttaacgggccc ccagacgccg ccgttagttt ctcctaacgg 240
 cgacgccggg gttgacggaa tggttattaa 270

<210> 21234

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700954308H1

<400> 21234

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 aactgagtta agcggcgaag cagacgcaga atcggcggca gaaattgccca ccggaagcac 180
 gtcgaagacg ggtgaaccaa acacaaaatt ccatccacca cttctctttt caatccccaa 240
 ctcaaactctg tgaagaaaat ctca 264

<210> 21235

<211> 262
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700954310H1

 <400> 21235

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 ggattgtgga gagtgtaggg gaaggagtga gtgaagttga ggaaggggac atagtagtgc 120
 caatattcaa tggggagtgt ggagagtgtt cgatgtgcaa gtgtgagaag accaacttgt 180
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 tctccactgt taatgggaaa cc 262

<210> 21236
 <211> 266
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700954311H1

 <400> 21236

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 aaaccatggc tgaagaagat tcagcaagca agaccctca tttccgtggt taacaaggct 180
 gcctctctat cttccccctg gacagcacc agcgtcggcg ttcggtttcg gctggacaat 240
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<210> 21237
 <211> 252
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700954312H1

 <400> 21237

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 tcttcaccct ctacttcgcc accgcgcaca gcgtcggagt ttcgaccaa tctgtcggaa 120
 ggccgaggat ggtcgccgat ttcgcgaggc cgggtggggcg tgtccgagcg gtgacgagcg 180

acgacgagtg gggcccgag aacgacgagg aggcatacgg cggacgagtc gcggttgagg 240
 agaaacccga cg 252

<210> 21238
 <211> 202
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954313H1

<400> 21238

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 gattctgcag atgtcaccca cgatgttgtg tccctcctct cttctcctca aagggacttt 120
 cttcttcgaa acaacggcga tcagggtaaa attgacagct tgaagggtaa gaacttggtt 180
 tgtagttttc ggcatcctgt gt 202

<210> 21239
 <211> 281
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954314H1

<400> 21239

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 atgggagagg aggaaaacaa accagaggaa cccatggcaa aggagaaaaa cccagaggaa 180
 gaagcaaccc aagagaaaaa accggagcaa gagtccaaag aggaagttgc tgctgctgct 240
 gctgctccgc caccgccacc gccaccgcca ccgcccgaga t 281

<210> 21240
 <211> 281
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954315H1

<400> 21240

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002200-03200

gaacccatat tcaagcttgc tgggtttaga ttggaggtag tcaaacaaca tctgctgggc 120
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ttggtggtga tgggatatcc attgaggttc taattgtcct cctagttagg gacaatcaaa 240
aggaaggatt atctatacca attggaatta taccggctgg t 281

<210> 21241
<211> 288
<212> DNA
<213> Glycine max

<223> Clone ID: 700954316H1

<400> 21241

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ttccagatgc aaagctgcct ttgtatgctt tcaagaaggc taatggaaag gatttggccc 180
tgcattcatg cgccggggag cctccctca cattcctga ctgattcct cttggagagt 240
gggaagatcg catgcagaga ggactttttc gctatgatgt taccgcct 288

<210> 21242
<211> 142
<212> DNA
<213> Glycine max

<223> Clone ID: 700954317H1

<400> 21242

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cctgtgttgg cttggtatcc ttgcaagttc ttctgtagca gattccaagg tgaaggtgtc 120
acgttaaagt ttctttcatg tc 142

<210> 21243
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700954319H1

<400> 21243

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gctgctactc atgttggcat gctccatcgt ccatgttctt cgttcactac aagcaagaat 120
gagaagaaaa tcaaactaca atcttccacc aggacctctt cttctcacca tcattagaac 180
ctctaaacaa ctctataaaa agccacagca gacaatggcc aggcttgcca aaacctatgg 240
ccccataatg cggt 254

<210> 21244
<211> 217
<212> DNA
<213> Glycine max

<223> Clone ID: 700954320H1

<400> 21244

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gtgatctctt ctcgcgagg attgtgaatc gtggaattga accgtcggga cccaacgctg 120
gctcggtgac attctctgtg agggtgagga ggcgcttacg ggattttctg caatcggtga 180
accttaagta cgtgaaattg ggttaccatt atctcat 217

<210> 21245
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700954321H1

<400> 21245

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gtgagaacga agacggtgaa gaaatcctt cggcaggtga tagagcgtca ctactcgcgc 120
atgaccctgg acttccacac gaacaagaag cttctggagg aagtggcgat aatcccgtcg 180
aagaggctaa ggaacaagat cgcgggggttc tcgacgcacc tgatgaagcg catccagaag 240
ggcctgtgcg cggctctccc tc 262

<210> 21246
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700954322H1

<400> 21246

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 ctctttcctt ttccttctgc ttccactttc caccgaatgc aagtcaagtc tacaatttcc 180
 aataagctta agaaaaggaa acaaaaccac ctcttagatc taatccaaaa cgatacccta 240
 tctataaagt caaaacctaa g 261

<210> 21247

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700954323H1

<400> 21247

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 ccaccgcaa tctcttccca tgtcgccgct tcaccgcatt cccccgccgc cgcgcctctt 180
 cattctccgt gcaagctaag atccgcgaaa tcttcatgcc cgcactcagc tccaccatga 240
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<210> 21248

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700954324H1

<400> 21248

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 gagctctacg ccgacgtgac tccgagcacc gccgagaact tccgcgcgct ctgcaccggc 180
 gagaagggcg ccgggcggac ggcaagcccc tccactacaa aggctcgtcc ttccaccgcg 240
 tgatcccgaa cttcatgtgc c 261

<210> 21249
 <211> 172
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700954294H1

 <400> 21249

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 ggtgggtttt gcagcaagga aaagaacaat tttgttctag ttatgcacaa gt 172

<210> 21250
 <211> 255
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700954249H1

 <400> 21250

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 gtcttcagca acatggaagg ggttttcgac gagagagaac ttggtttggc ttctttaaaa 120
 attggcctta aacttgacca tgaaggtgag gacctgaga aagctctttc ctttgctaac 180
 agagctttga aagctttgga aaaagataac aacaacaaca acttcccttc ttctttgcct 240
 gttgccatgt gtttg 255

<210> 21251
 <211> 254
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700954250H1

 <400> 21251

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 tagtgagaat tgagaagcca agccactcaa ttcacacct tctccctctc cttttccaag 120
 gaaaaaagaa aaaaaaatc atcaattcca atggagggtt catgcaaat tttgagaaga 180
 tcaattcaca gttttcttca aaactaccac tatttcacct caactgcagc ttttctagcc 240

cttcctttct cagc

254

<210> 21252
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700954253H1

<400> 21252

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tgcaccaact actggtggtg tgaagaagcc acatcgttat cgtcctggta ccgttgctct 180
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gaggctggtt g 251

<210> 21253
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700954254H1

<400> 21253

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caaaacgcgt tatccccaaa gctttttttt ctgcccctca aattcaaagc caccacaaaa 180
ccacgtgctc tcagagcggt tctctcgag aacgctgtca aaacctcggt ggaggacaca 240
aagaacgctc 250

<210> 21254
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700954256H1

<400> 21254

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 gaatctgggtt tggccaatct gtctctgaat gattattcca tttggagcaa cagctacagc 180
 tccaagagggc ctgatcagag gaggaacttt gatgtcaagg gcagtgattt caacaactca 240
 tcaaag 246

<210> 21255
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954257H1

<400> 21255

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 ggcgtcgtac ggggatttgg agaaactgca gagattgggtg gagcaagagg gttgccccgt 180
 caccgagccc gacgggttgg gatactacgc gcttcagtgg gctgctctca acaatcgcac 240
 tgccgc 246

<210> 21256
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954259H1

<400> 21256

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 cctggtgatt tgccaaaatg gtatgcagtt gttgtgggtc tcttcatttg catttacgta 180
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 ttggaga 247

<210> 21257
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 <212> DNA
 <213> Glycine max

002250 "E.T.E.550

<223> Clone ID: 700954260H1

<400> 21257

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atgaaaccac ctcccctgtg gctcctgcta ccctttacaa agctctagtt acagatgccg 120
acaacgtcat cccaaaggct gtcgaagcct tcaggagtgt tgaaaacctt gagggggaacg 180
gtggccctgg aaccatcaag aagatcactt tcgttgagga tggagaaagc aagtttgtgt 240
tgcacaa 247

<210> 21258

<211> 233

<212> DNA

<213> Glycine max

<223> Clone ID: 700954264H1

<400> 21258

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atatctcgtt ctcaaaatat atataatata agtattgtat gaatttattc atgtgtaacg 120
tataatgttg tatatatctc ggagaccaga ctctgtatta cagcatgagc aattaaaatt 180
cagcaagttg ttgcaaaaaa aaaaaaaaaa aaaaaaaaaa gggggggccc ccg 233

<210> 21259

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700954266H1

<400> 21259

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ttgtctttat tttctattta tgtcacctga acactatcat aatgtactgg atttccaaga 180
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cggccgccg 249

<210> 21260

<211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954268H1

<400> 21260

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 aaaagttttg cagtatcaaa gagattgtta tgaagtaacg ccattaatta gacaacctgt 180
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<210> 21261
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 <213> Glycine max

<223> Clone ID: 700954269H1

<400> 21261

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 gaggtggttc gatgggagag gtttctgccg cggatgggtgc tcagagtgtc gctttagtaa 180
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<210> 21262
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954270H1

<400> 21262

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ggaccacaaa gatagctgcg gcggcggcgg cgcgcggaag ggactgtgaa ggggtgagtgt 180
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cag 243

<210> 21266
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700954280H1

<400> 21266

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ctccttcact cgtagtaata ttttgaaaag tggtgtgctt tgggttgaga attgtggcag 180
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tcac 245

<210> 21267
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700954281H1

<400> 21267

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acttgggctt ttgatcacat caaatacttc aatggagggt ctgagattca acttcatctt 180
gacaagtaca ctggtactgg cttccagtcc aaagggtcat acttgtttgg tcaattcagc 240
atgaac 246

<210> 21268
<211> 246
<212> DNA

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 gagagctgga caggaagcgc aaggctgata atgatgaaa tgatggctct gatcatggtc 240
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<210> 21274
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954291H1

<400> 21274

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 gttgaagagt gacgatgtga ttcctatgaa gggtgcagac ttcataacag ataaaataga 180
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 aat 243

<210> 21275
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954248H1

<400> 21275

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 ttctgctccc taagtcatgg caggacttgc acccgagga tcacagtttg atgctcgtca 180
 atatgatacc aagatgaatg agttgcttac atctgatgga caggattttt tcacatctta 240
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<210> 21276
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954215H1

<400> 21276

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gtcggagttt ttcccgagg taggtggttt cggcggcaga tccattccgg cgaccagcat 240
gaacaacccc aac 253

<210> 21277

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700954216H1

<400> 21277

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gggtgttaca actcaccaaa gttggcagca acggcgtgcc cacctcggga tctctcggtc 240
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<210> 21278

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700954217H1

<400> 21278

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gcgaagctga agaggaggac aacctgctga acgccgagca ccacttcgcg agcttcaagg 180
ccaagtctgc caagacctac gccaccaagg aggagcacga tcatcgcttc ggcgtcttca 240
agtccaacct ccgcagagc 259

<210> 21279
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 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700954218H1

 <400> 21279

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 tccaccaccc caatacaaca gctcccaata caagccatca aataaacttc agggaaagat 180
 agctgtagta accgggggtg attctggaat tggacgagcc gtgtgcaact tgttttcatt 240
 agaaggtgct actgtgat 258

<210> 21280
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 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700954221H1

 <400> 21280

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 tgtggggaga gaacttgaga caaaaaagaa aacaaagttt gcagcagggc agtcttgatg 180
 cttaattttc tgccttgagg ctatggaaga tggaagaaaa tatggggagc ttatctagag 240
 aaacaactca aaca 254

<210> 21281
 <211> 255
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700954224H1

 <400> 21281

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tctctgacgc cccagacgcc gccatcgct cccgcgaccc catcatcgcc cccaacgtca 180
tcaacgccac cttccgcaac ttcacgaag tcctctcga gaacccacc aaggcaccc 240
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<210> 21282
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700954225H1

<400> 21282

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ctgcatctgc atttcgtaga ttcagttctc atcggaatat ggacgttcac cgaagaccca 180
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<210> 21283
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<212> DNA
<213> Glycine max

<223> Clone ID: 700954226H1

<400> 21283

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caccgagaag gtgatcgag agtacatatg gatcgggtga tcaggaatgg acctgaggag 180
caaagcaagg actctccag gaccagttag cgaccttca gagcttccca agtggaacta 240
tgatggttcc a 251

<210> 21284
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700954227H1

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<400> 21284

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tctccatcgt tcgttcattc attcactctg ggcgcgcgca cgtgctagga accatcgatt 180
cgagaatggg caacgactgt gtgccgtcga cggcggcggc ggaggtcatg gcggtggtgg 240
ccgttgagct c 251

<210> 21285

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700954228H1

<400> 21285

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tgtgtaattt ggaaggtgat taatggcaaa tggttattcc tcaaagtatt gtttgaaagg 180
aatagtagaa aattggtgtc tgtcagggtc acagtatcag cttggcaaatt tgaaatagaa 240
tagagattt 249

<210> 21286

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700954229H1

<400> 21286

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gctcaaaaac tcatcttcac tcatctcagc tcccttttct atcgaggact cttcctagac 180
atcgccactg cactattgctg ccacttcata gaactcaaca agctaggatt tgttggtctg 240
ttgccccaaa tga 253

<210> 21287

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<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700954230H1

<400> 21287

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gtggatatat tgaggagggt gtctctgatg ccgacttggt tcttttggtg actacaagac 180
ctacaactgg aagtacactt gcctgggcgg tggcatgtga acgagatcaa tggggtcgtg 240
ctatagctgg 250

<210> 21288
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700954232H1

<400> 21288

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aagaatgtgt tggacttcaa cgaaatagtg tccactactc aggggtggtt gggttggtgct 180
gccaccggca tcttcggtgc tgccaccggt attgttggtg gagttgtcga tgggtgctact 240
gccatcttca gt 252

<210> 21289
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700954233H1

<400> 21289

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actatattatc tgtttcgagt ttttgtcatt tgaatttggt tacaaaattg aagctggata 180

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tcaagagaga tggccatcaa ccatgaaact tgggctttca ttttcggtct tctaggcaac 180
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aaatcta 247

<210> 21293
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<212> DNA
<213> Glycine max

<223> Clone ID: 700954239H1

<400> 21293

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tgtttctggc ctttatgtct ttgtttctgc tcttgcatct atctctgtca tccagaagcc 180
aggattcaaa ctgaagttcc tcctccactt tatcttctgg gatgcactga tattggggat 240
aacagcctca g 251

<210> 21294
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<212> DNA
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<223> Clone ID: 700954240H1

<400> 21294

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cagcgcccac gcggacaagg ccgcgccgtt gcgcaccgag gaggagctga tgtccatgta 180
cgagcagtgg ctctgtaagc acgggaaggt gtacaacgcg ctcggcgaga aggagaagcg 240
cttccagatc ttc 253

<210> 21295
<211> 249
<212> DNA

<213> Glycine max

<223> Clone ID: 700954241H1

<400> 21295

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caaccagacc ttcacctgca ggtgcgagct ccagactccc cactgcgacg cegtcggatc 180
caccgccgtc gtcgccatcg tcacgccgga caaactcgtc gtttccaact gcggcgactc 240
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<210> 21296

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700954242H1

<400> 21296

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catctaattgt tcatattcat caggttgaga agatgttgga aaaaaaattt ggcgattatt 180
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<210> 21297

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700954244H1

<400> 21297

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aaattttggt tgagcaagag ccttctcttt gttccgttcc gcgaccatgt ctcatgagac 180
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atacttctct g

251

<210> 21298
<211> 163
<212> DNA
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<223> Clone ID: 700954245H1

<400> 21298

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tcgcgatttc gggaccacc ctagcctccc tcattccagcg ctt 163

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<211> 249
<212> DNA
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<223> Clone ID: 700954246H1

<400> 21299

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tggaactc 249

<210> 21300
<211> 251
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<223> Clone ID: 700954247H1

<400> 21300

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ttctcgctgt tggtttaggt tccttcatta ctttcctggg aatggcactg ttgtggctaa 240
cagccatgat c 251

<210> 21301
<211> 253
<212> DNA
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<223> Clone ID: 700954214H1

<400> 21301

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atggagtact aactcccatt tcttatttat tattgaatta accgatcaac ttgctttggt 180
atcgaacatt tctttttgat ttcaaaaatt ttccggaaaa aatttgaatc tatttttata 240
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<210> 21302
<211> 265
<212> DNA
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<223> Clone ID: 700954173H1

<400> 21302

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<210> 21303
<211> 271
<212> DNA
<213> Glycine max

<223> Clone ID: 700954174H1

<400> 21303

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<210> 21304
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954175H1

<400> 21304

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<210> 21305
 <211> 269
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954177H1

<400> 21305

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<210> 21306
 <211> 271
 <212> DNA

0033413-032200

<213> Glycine max
 <223> Clone ID: 700954180H1
 <400> 21306

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 acagcagcat gcggtggtgg cttactctct ctggtgatgt ataccgcaa gtgatttctt 240
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<210> 21307
 <211> 269
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954181H1
 <400> 21307

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 aagaccatca ctgatgccat taaaagtat 269

<210> 21308
 <211> 269
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954182H1
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 tatgaaagga aaagtactag gttccgcagt ttctctcatc ctagtggtgg gtgtggtaat 180
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269

<210> 21309

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700954183H1

<400> 21309

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gccttaaatg agtaaaaaag agtgaagaaa ggaaagaaag gagcaccatt tttggtttga 180

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<210> 21310

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700954186H1

<400> 21310

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cttttcaatg acaagaacag ttacagggag ctgtcagaga ttgctgagca agctaagaga 180

cgtgccgagg ttgcaaggct cagggagctt cataactctga aaggacatgt tgagtcagtg 240

gtgaagctga agggacttga cat 263

<210> 21311

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700954187H1

<400> 21311

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 gatggtacgc caccaatcac atcttgccag atgggcgaca aataattatc ggcggaagaa 180
 gacaattcaa ctacgagttt taccccaaga cacaagctaa gaacacttac agcttacctt 240
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<210> 21312
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 <213> Glycine max

<223> Clone ID: 700954188H1

<400> 21312

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 gagagactat aaaagcagat cttcattttc tatgcacagg gaaaccactt ggttcaacat 180
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 agcacttgag agtgaagggc aa 262

<210> 21313
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954189H1

<400> 21313

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 ttacaagcga ctcatcacat c 261

<210> 21314
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<223> Clone ID: 700954190H1

<400> 21314

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<210> 21315

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700954192H1

<400> 21315

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cccagaaacc catcctcaac ctctcctccc tcccgggcac cacctttacc cccctcaagc 180
tcaaattctt cagcggcggc gccgtccgcc gctccaccgg cgctcggga gccagaatgt 240
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<210> 21316

<211> 269

<212> DNA

<213> Glycine max

<223> Clone ID: 700954193H1

<400> 21316

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aaaaatcaga agcatcctgt gcagaaactg ggatataagg gtaatctaga tgatgatatt 240
aataagctgt ttgaatcaat tactcttaa 269

<210> 21317
 <211> 260
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700954201H1

 <400> 21317

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 cctaaagtgt tcttgatggg tgaagagggt ggggaatatc aggggtgcata caagatatcc 180
 aaggggctgc tcgacaagta tggccccgag aggggttctcg atactccaat cactgaggct 240
 gggtttactg ggattggagt 260

<210> 21318
 <211> 260
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700954202H1

 <400> 21318

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 gaaggtgggt gcaaaccgta gcttacgaag aactgcgagc tcaccgggac aaaccctaca 180
 cttcaacggc gggtttcctc catggctttt tgggatcctc cagaaactgg agatctttct 240
 ctcgcaacct cttggcttct 260

<210> 21319
 <211> 258
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700954204H1

 <400> 21319

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<211> 261
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700954172H1

 <400> 21325

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 tcaaatttgc attaggtaaa aaagaggctc ccgaagttgc aggtgcatgg ccaatacttg 180
 gtcacctacc actattgagt ggttcagaga cacctgatag ggttttgggt gctttggctg 240
 ataagtatgg acccatattc a 261

<210> 21326
 <211> 270
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700954136H1

 <400> 21326

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 ataataccat aataatctgt tacgttacgg ggcccaaag tctgttacgg agctcaagga 180
 gcgtcactct gctgccaccg acaccgtcaa caatctcaga caccgtttta agcagaagcg 240
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<210> 21327
 <211> 268
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700954137H1

 <400> 21327

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cacaaacttc cttatcttct tccaaatctc accacccaga aagcacaaaa gctacacaca 60
tatccaatct tttcttttct ttcatttcgt ccaccagatt catacacaat tcacgtatac 120
gtacaattat taaaaggaag agatggcagg agaatacatc gaggaagcca tcacgagtct 180
gaccaagctt ctcaagtga aagctgagct cggtagcggt gccgccgcaa agataaagga 240
gctgacggcg gacttgatg ccgccggttc g 271

<210> 21331
<211> 271
<212> DNA
<213> Glycine max

<223> Clone ID: 700954143H1

<400> 21331

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taaggatagt gttatattgg ctgaagtga aaataatgca agacgggaaa taaaagagag 180
atgggtgtgt tgagggaaat aaagagtagt tagctgaatc taatcagggt tctcaatctg 240
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<210> 21332
<211> 272
<212> DNA
<213> Glycine max

<223> Clone ID: 700954144H1

<400> 21332

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tccgcaaagc tctgaggggt tctctcagga aaaatgcagc tcagaaacaa gttttggaag 120
caatgtctca tagaatgcat gtagacaaca gtgtaaaact tattgggaag cttttatttg 180
gtattgaaaa gggccagaa gtactcaacg ctgtagacc ggcaggatcg gcacttggtg 240
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<210> 21333
<211> 272
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<213> Glycine max

<223> Clone ID: 700954145H1

<400> 21333

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gtttctttgt tccgctgcct cgcattggcat caacaactct cttcagcttc agactctctt 180
tgaaccact gcaccatcaa cagacaacga ggccaaaatc tctgctctcc tctcctcgca 240
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<210> 21334

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700954146H1

<400> 21334

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gtttctctca tcttggtggt tggagtggcc ataggtgtgg tggaggccgt caacaagaag 180
ggcgaggatc ccacacttca atctcaacaa aaatcagtaa gggttatctc caaaacactg 240
atgaccagaa gctctgccac gaa 263

<210> 21335

<211> 275

<212> DNA

<213> Glycine max

<223> Clone ID: 700954148H1

<400> 21335

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atcatgttca ttgtgcagtg gtgaattgaa gtgtttcagt ttggcatctt ctgatggtgc 120
tttatttata attattgtca tcaagtttca gactcattct ggatcactga gttgattctc 180
ttaatgtcaa gataaaaaaa ataaaaggta gatgatgcat ggaagcttga gaaatgcaaa 240

taaaagtaga aaagcctcta gcagagaaag aaaat

275

<210> 21336
<211> 274
<212> DNA
<213> Glycine max.

<223> Clone ID: 700954149H1

<400> 21336

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cgattctctt caccgtcttc tcaaggataa tcttaacccc catcacttcc aggaagtcag 180
ccgtttgctt actgggctta attgtggaaa agcacttgaa gcagtttctc tctcagaatc 240
tgcaacttcc ctctctgcgg aacatgggtt tgac 274

<210> 21337
<211> 270
<212> DNA
<213> Glycine max

<223> Clone ID: 700954150H1

<400> 21337

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ggatctttga gaatggcatt tgattttacc atgtgctgaa gtatgttcac aagatttttg 180
tgtgtcaagt tgccatccgt tctgcaagca gcagcaaatt agaatggcta gcaagtctag 240
atgaatttgg tttttcttca atgggatatt 270

<210> 21338
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700954151H1

<400> 21338

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taccttttgc ttcagcaaca acaacatcgt cgtcacaaat ctagagatag atagatagat 120
agagagaaac ggttgaattg aagatgaaaa tcaactgtcat gactgctgat gaacaaatcc 180
tcaggttaga tgggtgatcc ccacgaatct gtggaaaacg tcaaagcatt gctcgaggtt 240
gagacaagtg tgcctcttca ac 262

<210> 21339
<211> 264
<212> DNA
<213> Glycine max
<223> Clone ID: 700954156H1
<400> 21339

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aaaatggtat tggggcgtgc tagggatcat agattcgaat tgaaaggact tggtcaccag 180
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gatcctcagg gaataacaag acga 264

<210> 21340
<211> 267
<212> DNA
<213> Glycine max
<223> Clone ID: 700954157H1
<400> 21340

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tgctttttgt ctctcaacaa taaatcccc aacacccttc caaaccacat tgctttttgtg 120
tcaaaattag accaaagttt ttcttcacca gtgatggagg aggaggatca caaaatgttt 180
ggtcttgtct cagaaccaga ggaatattgc aaagagttag gtgttgctgt cagagcagtt 240
caaatggcat gcttcctctg tcagaaa 267

<210> 21341
<211> 271
<212> DNA
<213> Glycine max

<223> Clone ID: 700954158H1

<400> 21341

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agatagcaga tttttgaagg aagatgaata actctgtttc agaaaacagt ttcattcattg 120
agagtgatga agaagatgag gagaaggatt tgaataaagg tggagttgat ggaaacgatt 180
ctgattcttc caattactca aatgaaaacc ctccacagcg aaagcccagt tcttacaaca 240
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<210> 21342

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700954162H1

<400> 21342

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cgtgcttctg ggcaaccgca taagggtaaa ctgttaagca tatcattgaa atccttttgg 180
gattggaact tgatatgate atttgtattg gggagtaaga ccttggtact tttgcaaattg 240
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<210> 21343

<211> 275

<212> DNA

<213> Glycine max

<223> Clone ID: 700954163H1

<400> 21343

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caccacacaa ggccaacggt gccacgtgtc accctgagga agaagcgggc ctgttgggct 180
tcaaataccg tatccgatcc gaccggtccg gcctgctcag taactggata tcgggtacgg 240
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<210> 21344
 <211> 270
 <212> DNA
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 <223> Clone ID: 700954165H1

 <400> 21344

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 aagggacctt accttggttct tcatctaaga atggagaagg atgtgtgggt gaggaccgga 180
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<210> 21345
 <211> 270
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700954166H1

 <400> 21345

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<210> 21346
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 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700954167H1

 <400> 21346

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tactactctc tctctcaacc ttcaaagctt caaactcaaa agcaatggca tttgatcccg 180
 tgcaacccgt cgcaaagaaa gcaaggtcag gtggtgagat tgtgagtga agagagcctc 240
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<210> 21347
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954169H1

<400> 21347

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 attcaagagg atttcaaag tctca 265

<210> 21348
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700954170H1

<400> 21348

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 aacaagaagg agagagagag agagagaatg caacgggaga aacaaaaaac agaagtattt 180
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<210> 21349
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 <212> DNA
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<223> Clone ID: 700954133H1

<400> 21349

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gttttgggct ttatgagtta ggctttcctg gggttgctaa atgtgtagag attggactgc 180
cagagcttat attactagta tttatttcac agtttgtacc tcatgtgcta catgcaggaa 240
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<210> 21350

<211> 280

<212> DNA

<213> Glycine max

<223> Clone ID: 700954102H1

<400> 21350

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gtcagcgggtg ctggaaaaac cacaataggt cagatgctgg aaaaagagtt gaaatacaag 180
tatcttgatg ctgatgattt tcaactagaa tcaaacaaag aaaagatgcg aatgggaatc 240
cccctaaccg atgaagaccg gatgccatgg cttgaatcgc 280

<210> 21351

<211> 275

<212> DNA

<213> Glycine max

<223> Clone ID: 700954103H1

<400> 21351

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<210> 21352

<211> 273
 <212> DNA
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 <223> Clone ID: 700954104H1
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<210> 21353
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 <213> Glycine max
 <223> Clone ID: 700954105H1
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<210> 21354
 <211> 273
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700954106H1
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 ctatggtgcc cgtactccgg aggtgaaatg cgcaagttgg aggcttgctg tggaaacaca 180